Oracle E-Business Suite Configurations for Oracle Utilities Customer Cloud Service Integration to Oracle E-Business Suite for General Ledger and Accounts Payable

Setup Guide Release 23C F94137-01

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Oracle E-Business Suite Configurations for Oracle Utilities Customer Cloud Service Integration to Oracle E-Business Suite for General Ledger and Accounts Payable Setup Guide

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Contents

Preface	i
Audience	
Documentation and Resources	ii
Updates to Documentation	iii
Documentation Accessibility	iii
Conventions	iii
Acronyms	iii
Chapter 1	
Configuration Overview	
Custom Integration Interfaces Development Process Flow	
Chapter 2	
API Create Vendor Data	2.1
API Create Vendor Overview	
Installing API Create Vendor	
Creating PL/SQL Package in the Oracle E-Business Suite Database	
Annotation	
Validating the Annotation	
Uploading Validated Annotation	
Publishing as a Web Service	
Chapter 3	
•	2.1
API Extract CCS Payment Details	
API CCS Payment Details Overview	
Installing API CCS Payment Details Creating PL/SQL Package in the Oracle E-Business Suite Database	
Annotation	
Validating the Annotation	
Uploading Validated Annotation	
Publishing as a Web Service	
Chapter 4	
Common Lookup Values	
Overview	
Creating Common Lookup Values	4-2
Chapter 5	
CCS-EBS AP Cross Values	
Overview	
AP Organization/Business Unit Codes	5-2

Chapter 6	
CCS-EBS GL Cross Values	
Overview	
GL Ledger/Journal Codes	

Preface

Welcome to the Oracle Utilities Customer Cloud Service Integration to Oracle E-Business Suite for General Ledger and Accounts Payable Setup Guide for release 23C. This document covers relevant information to manage and configure Oracle Field Service as required by the integration.

Note: The screenshots and images provided in this document are sample references based on the current release of Oracle Utilities Customer Cloud Service Integration to Oracle E-Business Suite for General Ledger and Accounts Payable. They may change based on changes in future releases.

The preface includes the following:

- Audience
- Documentation and Resources
- Updates to Documentation
- Documentation Accessibility
- Conventions
- Acronyms

Audience

This document is intended for anyone implementing the integration between Oracle Utilities Customer Cloud Service and Oracle E-Business Suite for General Ledger and Accounts Payable.

Documentation and Resources

For more information regarding this integration, foundation technology and the edge applications, refer to the following documents:

Product Documentation

Resource	Location
Oracle Utilities Customer Cloud Service Integration to Oracle E- Business Suite for General Ledger and Accounts Payable documentation	https://docs.oracle.com/en/industries/utilities/ index.html
Oracle Utilities Customer Cloud	https://docs.oracle.com/en/industries/utilities/
Service documentation	customer-cloud-service/
Oracle Utilities Customer Care and	https://docs.oracle.com/en/industries/energy-
Billing documentation	water/ccb/
Oracle E-Business Suite	https://docs.oracle.com/cd/E51111_01/current/
documentation	html/docset.html

Additional Documentation

Resource	Location
Oracle Integration Cloud Service documentation	Refer to the OIC documentation at: https://docs.oracle.com/en/cloud/paas/ integration-cloud/index.html
Oracle Support	Visit My Oracle Support at https:// support.oracle.com regularly to stay informed about updates and patches.
	Refer to the <i>Certification Matrix for Oracle Utilities</i> <i>Products (Doc ID 1454143.1)</i> on My Oracle Support to determine if support for newer versions of the listed products is included.
	For more information, refer to the Oracle Utilities Integrations page at http://my.oracle.com/site/ tugbu/productsindustry/productinfo/utilities/ integration/index.htm
Oracle University for training opportunities	http://education.oracle.com/

Updates to Documentation

The complete Oracle Utilities Customer Cloud Service Integration to Oracle E-Business Suite for General Ledger and Accounts Payable documentation set is available from Oracle Help Center at https://docs.oracle.com/en/industries/energy-water/index.html.

Visit My Oracle Support for additional and updated information about the product.

Documentation Accessibility

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

Access to Oracle Support

Oracle customers have access to electronic support for the hearing impaired. Visit: http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs

Conventions

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

The following text conventions are used in this document:

Acronyms

The following terms are used in this document:

Term	Expanded Form
OUCCS/CCS	Oracle Utilities Customer Cloud Service
EBS	Oracle E-Business Suite for General Ledger and Accounts Payable
OIC	Oracle Integration Cloud
OUCCB/CCB	Oracle Utilities Customer Care and Billing

Configuration Overview

This chapter focuses on the Oracle E-Business Suite for General Ledger and Accounts Payable configuration details in the integration.

Please note that Oracle E-Business Suite for General Ledger and Accounts Payable will be referred to as Oracle E-Business Suite in this document.

To configure Oracle E-Business Suite for the integration between Oracle E-Business Suite for General Ledger and Accounts Payable and Oracle Utilities Customer Cloud Service:

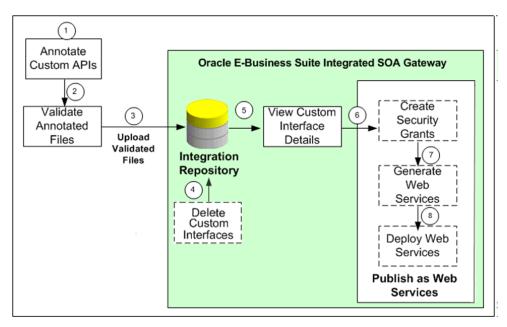
- 1. Create an entry in the integration repository for the custom API to create/update a Payable Vendor and Vendor Site. Refer to API Create Vendor Data for more details.
- Create an entry in the integration repository for the custom API to extract Oracle Utilities Customer Cloud Service Payments created or voided. Refer to API Extract CCS Payment Details for more information.
- 3. Create application common lookup values. Refer to Common Lookup Values for more details.
- 4. Configure Payables integration. Refer to CCS-EBS AP Cross Values for details.
- 5. Configure GL integration. Refer to CCS-EBS GL Cross Values for more details.

Custom Integration Interfaces Development Process Flow

While creating or developing custom services for your business needs, consider the following conditions:

Requirement	Use
To enable existing or new Oracle E-Business Suite customizations built on native Oracle E-Business Suite technologies (such as PL/ SQL, Business Service Objects, and other supported custom integration interface types described earlier) as web services.	Oracle E-Business Suite integrated with SOA Gateway
To integrate Oracle E-Business Suite with SOA application that requires rich service infrastructure and integration capabilities, such as Business Rules, Business Activity Monitoring (BAM), web service development and orchestration.	Oracle SOA Suite, in conjunction with Oracle E-Business Suite
To develop custom services that are not associated with Oracle E-Business Suite.	Oracle WebLogic web service stack

The following diagram illustrates the entire process flow of enabling custom integration interfaces:



The custom integration interfaces development process flow is as follows:

1. Users with the Integration Developer role annotate custom integration interface definition based on the Integration Repository annotation standards for the supported interface types.

For more information, refer to the Integration Repository Annotation Standards section in the Oracle E-Business Suite Integrated SOA Gateway Developer's Guide.

Note that for custom PL/SQL APIs (simple data types only) that are created with a custom schema, you can publish such custom APIs in Oracle Integration Repository. Additionally, perform the following tasks for such APIs with a custom schema:

- a. Grant access to the APPS schema.
 - a. Connect to a custom schema as EBS_SYSTEM if your instance is on AD and TXK Delta 13 release update packs (RUPs) or later, or as SYSTEM if your instance is on an earlier AD and TXK RUP.

sqlplus '/ as EBS_SYSTEM'

The R12.AD.C.Delta.13 and R12.TXK.C.Delta.13 RUPs introduce the EBS_SYSTEM schema. If you are running Release Update Packs for AD and TXK Delta 13 or later, the database privileges are granted to the Oracle E-Business Suite administration account, EBS_SYSTEM. Only the minimally required database privileges required to run Oracle E-Business Suite are granted to APPS by EBS_SYSTEM.

For more information, refer to the following:

- Document 2755875.1, Oracle E-Business Suite Release 12.2 System Schema Migration
- Document 2758993.1, Managing Database Privileges in Oracle E-Business Suite Release 12.2 (Running adgrants.sql)
- b. Use the following command to grant access.

GRANT EXECUTE on <custom_schema>.<custom_package> TO APPS;

- b. Create a synonym for the custom stored procedure.
 - a. Connect to the APPS schema.

sqlplus <APPS Username>
Enter password: password

b. Create a synonym.

CREATE SYNONYM <custom_package> FOR
<custom_schema>.<custom_package>;

2. Users who have the Integration Administrator role validate the annotated custom interface definitions against the annotation standards. This validation is performed by running the Integration Repository Parser (IREP Parser), a design time tool, to read the annotated files, and then generate an Integration Repository loader file (iLDT) if no error occurred.

For more information, refer to the Setting Up and Using the Integration Repository Parser and Generating ILDT Files sections in the Oracle E-Business Suite Integrated SOA Gateway Implementation Guide.

3. Users who have the Integration Administrator role upload the generated iLDT file to Oracle Integration Repository.

For more information, refer to the Uploading ILDT Files to Integration Repository section in the the Oracle E-Business Suite Integrated SOA Gateway Implementation Guide.

4. (Optional) Users who have the Integration Administrator role can delete the custom integration interfaces if needed.

Before starting to use a custom integration interface from the Integration Repository, users who have the Integration Administrator role can delete the custom interface if it is not yet generated or deployed as a web service. The administrators can first locate the custom interface from the Integration Repository user interface, and then click **Delete Interface** on the **Overview** tab on the **Custom Interface Details** page.

If a custom interface has been generated or deployed, it must be reset or undeployed to its initial state before it can be deleted. Refer to the Deleting Custom Integration Interfaces section in the Oracle E-Business Suite Integrated SOA Gateway Implementation Guide.

- 5. All users can view the uploaded custom interfaces from the Integration Repository user interface.
- 6. (Optional) Users who have the Integration Administrator role then create necessary security grants for the custom integration interfaces if needed.

This is achieved by first locating the custom interface from the Integration Repository, and then selecting methods contained in the selected custom interface before clicking **Create Grant**. The **Create Grants** page is displayed where the administrators can grant the selected method access permissions to a user, user group, or all users.

7. (Optional) Users who have the Integration Administrator role can generate SOAP services if the custom interfaces can be service enabled.

This is achieved by first locating the custom interface, and then specifying the interaction pattern either at the interface level or the method level before clicking **Generate** in the selected **Custom Interface Details** page. Refer to the Generating Custom SOAP Web Services section in the Oracle E-Business Suite Integrated SOA Gateway Implementation Guide.

8. (Optional) Users who have the Integration Administrator role deploy the services from Oracle Integration Repository to the application server.

For more information, refer to the Oracle E-Business Suite Integrated SOA Gateway Implementation Guide at: https://docs.oracle.com/cd/E26401_01/doc.122/e20925/ T511175T543269.htm#isgig_customsetup

API Create Vendor Data

This chapter focuses on the Integration Repository configuration details for API Create Vendor in Oracle E-Business Suite. It includes the following:

- API Create Vendor Overview
- Installing API Create Vendor

API Create Vendor Overview

This section covers basic API overview for Payables Vendors. Oracle E-Business Suite for General Ledger and Accounts Payable includes the Oracle Utilities Customer Cloud Service customers as vendors for one-time payment as part of the Oracle Utilities Customer Cloud Service Payment Request flow.

The key attributes will be captured from Oracle Utilities Customer Cloud Service and synchronized with Oracle E-Business Suite in two modes - Create and Update.

This API seamless integration between Oracle E-Business Suite and Oracle Utilities Customer Cloud Service helps to maintain the same Customer/Vendor definition across both platforms.

Installing API Create Vendor

This section focuses on the API Create Vendor installation, including:

- Creating PL/SQL Package in the Oracle E-Business Suite Database
- Annotation
- Validating the Annotation
- Uploading Validated Annotation
- Publishing as a Web Service

Creating PL/SQL Package in the Oracle E-Business Suite Database

The Oracle E-Business Suite sysadmin or the Database Administrator are the indicated roles to create the PL/SQL package in the Oracle E-Business Suite database.

To create the PL/SQL package in the Oracle E-Business Suite database:

- 1. Download the PL/SQL package source file. It is located inside the ccs_ebs_fin.01_23_3000_sql.zip file. Read the ReadMe.txt file for more information about the configuration tasks.
- 2. Connect to the Oracle E-Business Suite database with the DB user you used to create custom objects.
- 3. Execute the PL/SQL package source file.
- 4. Create a synonym for the DB application user.
- Grant the execute privilege to the DB application user. 5.

Annotation

The package already has the annotation in the header section:

/* \$Header: \$ */ /*# * This custom PL/SQL package can be used to insert vendors & sites * @rep:scope public * @rep:product AP * @rep:displayname CCS EBS VENDOR IMPORT PKG * @rep:category BUSINESS ENTITY AP PAYABLES

```
/*#
* Create Vendor Data
* @param P VENDOR NAME varchar2
* @param P SEGMENT1 varchar2
* @param P VENDOR SITE CODE varchar2
* @param P BUSINESS UNIT varchar2
* @param P PAYMENT CURRENCY CODE varchar2
* @param P ADDRESS LINE1 varchar2
* @param P ADDRESS LINE2 varchar2
* @param P ADDRESS LINE3 varchar2
* @param P ADDRESS LINE4 varchar2
* @param P CITY varchar2
* @param P STATE varchar2
* @param P_ZIP varchar2
* @param P COUNTRY varchar2
* @param P VENDOR ID varchar2
* @param P VENDOR SITE ID varchar2
* @param P JOB STATUS varchar2
* @param P JOB MESSAGE varchar2
* @rep:scope public
* @rep:lifecycle active
* @rep:displayname CREATE VENDOR DATA
*/
```

Validating the Annotation

To validate the annotation:

*/

1. Copy the package header definition with the annotation to the corresponding path in the file.

\$FND_TOP/patch/115/sql in the server where the Oracle E-Business Suite instance is running.

2. Generate the iLDT file.

```
$IAS_ORACLE_HOME/perl/bin/perl $FND_TOP/bin/irep_parser.pl -g -v -
username=sysadmin per:patch/115/
sql:ccs_ebs_vendor_import_pkg.pls:23.3000=ccs_ebs_vendor_import_pk
g.pls
```

Note: Make sure to source the environment variables.

The command uses ccs_ebs_vendor_import_pkg.pls as the one including the annotation and the user sysadmin, the filename and the user can be different depending on the file name you are using and your Oracle E-Business Suite admin account.

The command will generate an iLDT file.

Example: ccs_ebs_vendor_import_pkg_pls.ildt

Uploading Validated Annotation

Run the following command to upload the iLDT file to the integration repository. You can replace the iLDT file name with the file generated in the Validating the Annotation section.

```
$FND_TOP/bin/FNDLOAD apps/apps 0 Y UPLOAD $FND_TOP/patch/115/
import/wfirep.lct ccs_ebs_vendor_import_pkg_pls.ildt
```

Note: Make sure to source the environment variables.

Publishing as a Web Service

To publish the PL/SQL package:

- 1. Login to the Oracle E-Business Suite instance with the user that has Integration Repository Admin role.
- 2. Search for the PL/SQL Interface Type and Internal Name. Example: %CCS%

	ilory					Home	★ Favorites	C: Settings	Worklist	Logged in As OPERATIONS	? Help	Colors Colors
ntegration Repository Administration												
Search												Browse
Interface Name	y Q	Internal N	me NCC	76								
Product Family AI	*	Interface 7	ype PL/St	L V								
Product All 👻		Business E	ntity		⇒ Q.							
Go Clear All > Show More Search Options												
Export 1 ····												
Name 🔺	Internal Name 🗠	Product	Type 🗠	Source -	Status 🛆	Description						
CCS EBS VENDOR IMPORT PKG	CCS_EBS_VENDOR_IMPORT_PKG	Payables	PL/SQL	Custom	Active	This custom PL/SQL p	ackage can be	used to insert	vendors & sites			
	CCS_PAYMENT_DETAILS	Payables	PL/SQL	Custom	Active	This custom PL/SQL p	ackage can be	upped to patrice.	us CCO Paumant da	talle		

3. Click the "CCS_EBS_VENDOR_IMPORT_PKG" package.

If the "CCS_EBS_VENDOR_IMPORT_PKG" package is not listed on the **Integration Repository** tab, check for any warning or error message while creating the package. Refer to the Creating PL/SQL Package in the Oracle E-Business Suite Database section for more details.

	ace : CCS_EBS_VENDOR_I			Browse Search Printable I
Internal	Name CCS_EBS_VENDOR_IMPORT_P	ка	Scope Public	
	Type PL/SQL		Interface Source Custom	
	Product Payables			
	Status Active			
Business	Entity AP PAYABLES			
verview RES	3T Web Service Grants			
				Delete Interfac
Full Descripti	ion			
This custom PL	USQL package can be used to insert vendor	rs & sites		
Source Inform				
ource intorr	mason			
	Source File patch/115/sql/ccs_ebs_vendor	impact she als		
	roe Version 22,3000	CubuCbdba		
	roe Product PER			
Procedures a	and Functions			
	Internal Name 🛆	Status Description		
Name A	Internal Name A			
Name A	OR DATA CREATE_CCS_VENDOR_DATA	Create Vendor		
Name 🔺	OR DATA CREATE_CCS_VENDOR_DATA	Create Vendor		
Name A	OR DATA CREATE_CCS_VENDOR_DATA	Create Vendor		

 Navigate to the **REST Web Service** tab, enter "CREATE_VENDOR_DATA" as the alias, and click **Deploy**. If the deployment is successful, you will see the **REST** Service Status as "Deployed".

LSQL Interface : C	CS_EBS_VENDOR_	IMPORT_PKG	
Type F Product F Status J Business Entity	Payables Active	PKG	
Service Alas CREATE REST Service Status D Verb POST Service Operations	CCS_VENDOR_DATA epioyed I View WADL		
Name 🔺	Internal Name 🛆	Included Operations	Grant
CREATE VENDOR DATA	CREATE_CCS_VENDOR_DA		
Table Diagnostics REST Service Secur REST Web Service is set - Username Password - Security Token.	es in Operation, Undeploy the se rifty oured by HTTP Basic Authentics o obtain Security Token for giver	ation at HTTP Transport is	avel. Send eith
C. Caleroy			

5. Navigate to the **Grants** tab and create grant at least for the user you will use to configure the "OU EBSFIN for CCS-EBSFIN" Oracle Integration Cloud connection.

		Anne Home	★ Favorites	Settings	Worklist	Logged in As OPERATIO	onis 🤭 Help	ل) Logout
Integration Repository Administration								
Integration Repository > i) Information Crace Examples Sub-Integrated SOA Gateway is not contigured for SOAP Services. Please refer My Oracle Support Note 1311008.1 to contigure for SOAP Crace Examples Sub-Integrated SOA Gateway is not contigured for SOAP Services. Please refer My Oracle Support Note 1311008.1 to contigure for SOAP	IP Services.							
PLSQL Interface : CCS_EBS_VENDOR_IMPORT_PKG						Browse S	earch Print	able Page
Herman News CC5, 188, VEX.OD, NMPORT_/INIG Type PL/SD, Postad: Psychon Banda Active Banareas Days <u>AFF_2503.05.05</u>	Scope Public Interface Source Custom							
Belex Olgoci and Coulds Coard, Revise Coard, I Rest A. REST A. Grant A Coard A. REVERADOR DATA (OR AFTLE, COS, VENDOR, DATA), V								
Copyright (c) 1990, 2021, Oracle and/or its attiliates. All rights reserved.						About th	is Page Priv	acy Statement

API Extract CCS Payment Details

This chapter focuses on the Integration Repository configuration details for API Extract CCS Payment Details in Oracle E-Business Suite. It includes the following:

- API CCS Payment Details Overview
- Installing API CCS Payment Details

API CCS Payment Details Overview

This section covers basic API overview for Payment Details. Oracle E-Business Suite for General Ledger and Accounts Payable includes the Oracle Utilities Customer Cloud Service customers as vendors for one-time payment as part of the Oracle Utilities Customer Cloud Service Payment Request flow.

The key attributes will be captured from Oracle Utilities Customer Cloud Service and synchronized with Oracle E-Business Suite in two modes - **Create** and **Update**.

This API seamless integration between Oracle E-Business Suite and Oracle Utilities Customer Cloud Service helps to maintain the same Customer/Vendor definition across both platforms.

Installing API CCS Payment Details

This section focuses on the API CCS Payment Details installation, including:

- Creating PL/SQL Package in the Oracle E-Business Suite Database
- Annotation
- Validating the Annotation
- Uploading Validated Annotation
- Publishing as a Web Service

Creating PL/SQL Package in the Oracle E-Business Suite Database

The Oracle E-Business Suite sysadmin or the Database Administrator are the indicated roles to create the PL/SQL package in the Oracle E-Business Suite database.

To create the PL/SQL package in the Oracle E-Business Suite database:

- Download the PL/SQL package source file. It is located inside the ccs_ebs_fin.01_23_3000_sql.zip file. Read the **ReadMe.txt** file for more information about the configuration tasks.
- Connect to the Oracle E-Business Suite database with the DB user you used to create custom objects.
- 3. Execute the PL/SQL package source file.
- 4. Create a synonym for the DB application user.
- 5. Grant the execute privilege to the DB application user.

Annotation

The package already has the annotation in the header section:

```
/* $Header: $ */
/*#
* This custom PL/SQL package can be used to retrieve CCS Payment
details
* @rep:scope public
* @rep:product AP
* @rep:displayname ccs payment details
```

```
* @rep:category BUSINESS_ENTITY AP_PAYABLES
*/
/*#
* CCS Payment Details
* @param ReProcessDate varchar2
* @param ReProcessPayments clob
* @param Errors varchar2
* @param Errors varchar2
* @param PaymentDetails clob
* @rep:scope public
* @rep:lifecycle active
* @rep:displayname CCS_PAYMENT_DETAILS
*/
```

Validating the Annotation

To validate the annotation:

1. Copy the package header definition with the annotation to the corresponding path in the file.

FND_TOP/patch/115/sql in the server where the Oracle E-Business Suite instance is running.

2. Generate the iLDT file.

```
$IAS_ORACLE_HOME/perl/bin/perl $FND_TOP/bin/irep_parser.pl -g -v -
username=sysadmin per:patch/115/
sql:ccs payment details.pls:23.3000=ccs payment details.pls
```

Note: Make sure to source the environment variables.

The command uses ccs_ebs_vendor_import_pkg.pls as the one including the annotation and the user sysadmin, the filename and the user can be different depending on the file name you are using and your Oracle E-Business Suite admin account.

The command will generate an iLDT file.

Example: ccs_payment_details_pls.ildt

Uploading Validated Annotation

Run the following command to upload the iLDT file to the Integration Repository. You can replace the iLDT file name with the file generated in the Validating the Annotation section.

\$FND_TOP/bin/FNDLOAD apps/apps 0 Y UPLOAD \$FND_TOP/patch/115/ import/wfirep.lct ccs_payment_details.ildt

Note: Make sure to source the environment variables.

Publishing as a Web Service

To publish the PL/SQL package:

1. Login to the Oracle E-Business Suite instance with the user that has Integration Repository Admin role.

2. Search for the PL/SQL Interface Type and Internal Name. Example: %CCS%

	Integration Repositor	y					A Home	* Favorites	Contraction Settings	Worklist	Logged in As OPERATIONS	? Help	ل Logout
Integration Repository A	aministration												
Search													Browse
Interface Name		N 9.	Internal Name	1000516									
Product Family	AI	~	Interface Type	PL/SQL	~								
Product	Al 👻		Business Entity			2 Q.							
	Go Clear All												
Show More Search C	ptions												
Export ····													
Name 🔺		Internal Name 🛆	Product	Type 🛆	Source -	Status 🗠	Description						
CCS EBS VENDOR IM	PORT PKG	CCS_EBS_VENDOR_IMPORT_PKG	Payables	PL/SQL	Custom	Active	This custom PL/SQL	package can be	used to insert	vendors & sites			
CCS PAYMENT DETAIL	2	CCS_PAYMENT_DETAILS	Payables	PL/SQL	Custom	Active	This custom PL/SQL	package can be	used to retrie	ve CCS Payment	details		
			Payables	PLISOL	Custom	Active					details		

3. Click the "CCS_PAYMENT_DETAILS" package.

If the "CCS_PAYMENT_DETAILS" package is not listed on the **Integration Repository** tab, check for any warning or error message while creating the package. Refer to the Creating PL/SQL Package in the Oracle E-Business Suite Database section for more details.

	CCS_PAYMENT_DET	TAILS		Browse Search Printable Pag
Internal Name O Type F Product F Status / Business Entity A Overview REST Web Se	Payables Active AP PAYABLES			
	ante diana			Delete Interface
Full Description				
This custom PL/SQL par	ckage can be used to retrieve C	CS Payme	et details	
Source Information				
Source Produ rocedures and Fun	nctions			
Name 📥	Internal Name 🗠		Get Payment	
	. GETCCSPAYMENTDETAI	Active	Details	
CCS PAYMENT DETAI				
Table Diagnostics				
CCS PAYMENT DETAI				

4. Navigate to the **REST Web Service** tab, enter "GETCCSPAYMENTDETAILS" as the alias, and click **Deploy**. If the deployment is successful, you will see the **REST Service Status** as "Deployed".

	CS_PAYMENT_DETA	ulo l					Browse	Search
Type P Product P Status A Business Entity	ayables ctive <u>PAYABLES</u>					cope Public Nurce Custom		
rev REST Web Service Alias CCSPAYM ST Service Status De POST	ENTDETAILS						Design Time Log	Disabled
vice Operations								
ате 🔺	Internal Name 🗠	Included Operations	Grant					
CS PAYMENT DETAILS	GETCCSPAYMENTDETAILS	1						
TIP To apply any change Table Diagnostics	is in Operation, Undeploy the serv	vice.						
EST Service Secur REST Web Service is sec Username:Password - Security Token.	ured by HTTP Basic Authentication	on at HTTP Transport lev	vel. Send either of	e following in "Authorization" header	as per HTTP Basic scheme:			

5. Navigate to the **Grants** tab and create grant at least for the user you will use to configure the "OU EBSFIN for CCS-EBSFIN" Oracle Integration Cloud connection.

				Browse Search Printable
Type PL/SQL Product Payables Status Active	Product Payables Status Active Business Entity AP-PAYABLES			Booye Abric Interface Bource Cuttom
Select Object and Create Grant				
			rant 🛆	
CCS PAYMENT DETAILS	GETCCSPAYMENTDETAILS	1		

Common Lookup Values

This chapter focuses on the configuration details for common lookup values in this integration. It includes the following:

- Overview
- Creating Common Lookup Values

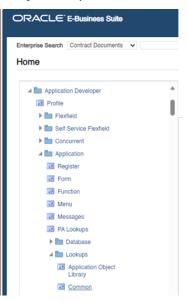
Overview

In this integration, the common lookup values are used to only select the invoices and payments coming from Oracle Utilities Customer Cloud Service and also to identify the cancellation/void reason for either the invoice or payment.

Creating Common Lookup Values

To create lookup values needed for the integration:

1. Login to the Oracle E-Business Suite instance with a user having access to the "Application Developer" responsibility.



2. Click Common on the left pane to open the Application Utilities Lookups form.

	ilities Lookups					
Ap	Type Meaning plication scription				Access Level © User © Extensible © System	
				Effective [Dates	Enable
Code	Meaning	Description	Tag	From	То	<u> </u>

3. Create the lookup **Type** and the respective codes. The following table lists the codes to be configured in Oracle Utilities Customer Cloud Service.

Type: INT_CCS_EBS_MORG_SETUPS

Meaning: INT_CCS_EBS_MORG_SETUPS

Application: Application Object Library

Code	Meaning	Description	From
INT_CANCEL_REA SON_INV	Valid cancel reason code configured in CCS	CCS Invoice Cancel Reason Code	Enter a Date allowing the use of the code like 1980/ 01/01
INT_CANCEL_REA SON_PAY	Valid cancel reason code configured in CCS	CCS Payment Cancel Reason Code	Enter a Date allowing the use of the code like 1980/ 01/01
INT_INVOICE_SO URCE	ССВ	CCS Invoice Source	

Description: Configuration requirements for CCS interface

Тур	INT_CCS_EBS		Access Level				
Meanin	INT_CCS_EBS	MORG_SETUPS			© <u>U</u> ser		
Applicatio	Application Obje	ect Library			Extensible		
Descriptio	Configuration re	equirements for CCS inter	face		System		
				Effective D	ates	Enable	d
Code Me	aning	Description	Tag	From	То	I]
		Description CCS Invoice Cancel Re		From 1980/01/01	То] .]
Code Me INT_CANCEL IVC INT_CANCEL PY	L				То] =	1

4. Make sure the cancel reason codes exist in Oracle Utilities Customer Cloud Service. These are optional in Oracle E-Business Suite since you can configure a default code in Oracle Utilities Customer Cloud Service.

The value for INT_INVOICE_SOURCE must be the same in use when the AP extract file is generated in Oracle Utilities Customer Cloud Service.

Parameter Name businessUnitCharacteristicType	Description Business Unit Characteristic Type	Detailed Description the Business Unit value retrieved from the CIS division used by the A/P Request.
source	Source	The value set in this batch parameter will be used as the source mapping for the file output.

5. Make sure the source is defined in Oracle E-Business Suite with the same value.

Navigator - Payables, Vision Operations (USA)			= *	Payables Lookups							
Content resolution functions (Figure 1) Functions Documents (Figure 2) Functions Documents (Figure 2) Schep Loaks(codes Schep Loaks(codes) S	•	Top Ten List 1. Invoices 2. Payments 3. View Invoices Summary 4. View Payment Overview 5. Supplers 6. View Supplers 7. Requests: Submit 8. Expense Reports		Meaning Application Description Code Mea	SOURCE Source Payables Source of invoid ning One time payment	Description	om the Payab	es Open In Effective From 1980/04/01	То	Enabl	led
Colors Controls		 Expertso regults 									

CCS-EBS AP Cross Values

This chapter focuses on the CCS-EBS AP cross values configuration details. It includes the following:

- Overview
- AP Organization/Business Unit Codes

Overview

This section focuses on the cross values defined in both Oracle Utilities Customer Cloud Service and Oracle E-Business Suite to properly identify the organization unit receiving the "vendor/site" and the "invoices" for one-time payment in Oracle E-Business Suite. These values are used for the invoices and payments coming from Oracle Utilities Customer Cloud Service.

AP Organization/Business Unit Codes

Oracle Utilities Customer Cloud Service has several Effective Dated Characteristics to be considered in Oracle E-Business Suite. These are part of the CIS Division configuration in Oracle Utilities Customer Cloud Service.

The following figure shows example values assigned to them:

Effective Date	ed Characterisitics ①	
Effective Date	Characteristic Type	Characteristic Value
01-01-1900	Journal Source	CCS TRANSFER
01-01-1900	Oracle Financial Cloud Business Unit	Vision Operations
01-01-1900	General ledger value	1
01-01-1900	EBS Org Id	204

Some are used to generate the AP Extract file in Oracle Utilities Customer Cloud Service.

Parameter Name	Description	Parameter Value	Detailed Description	Required
fileIntegrationType	File Integration Type	C1-APFCExtract	The file integration type determines the details to be extracted based on the file integration record(s) that are incorporated within the component.	8
businessUnitCharacteristicType	Business Unit Characteristic Type	C1-OFCBU	The Business Unit Characteristic Type Determines the Business Unit value retrieved from the CIS division used by the A/P Request.	8
source	Source	ССВ	The value set in this batch parameter will be used as the source mapping for the file output.	12
paymentMethod	Payment Method	CHECK_CCB	The value set in this batch parameter will be used as the payment method mapping for the file output.	
fleName	File Name	APEXTRACTPLE_(BC)_(BN)csv.zp	Name of the extract file. The file will be replaced if it already exists or created if it soles not. R can Include the following system variables: (IRC) or (bast/clode); (BN) or (bast/humber); (IRN) or (reunklamber); (IRO) or (runDites); (IRO) or (runDateTime); (IRO) or (runDate); (IRO) or (runTime); For a multi-threaded run; (threadNumber) will be inserted if not supplied. Example: EXTRACT_FILE_[BN0_[IRN]_[TN], cur'will create the following files for tabit number 10; reum number 0; with 3 threads: EXTRACT_FILE_000000010_000000000_000000002.ev EXTRACT_FILE_000000010_0000000002.ev	
filePath	File Path	APFileDirectory/	The file path where the output should be placed. Refer to Referencing URIs in the user documentation for more details.	
fileFormat	File Format	CSV	The estract file format. Valid values are CSV (delimited) FRO(fined position output) or XML (XML countern), if nor topolated, the program will essume the format is CSV if the File Name extension is "cov", it will assume the format of XML if the File Name extension is "xm". Observed an utility are made format is EPO	

Note that the payment method exists and is valid in the Oracle E-Business Suite instance.

The "Oracle Financial Business Unit" and "EBS Org Id" values must also be configured in the OUTL-BRT-CCS_EBSFIN_OrgBu_ID Oracle Integration Cloud lookup along with others.

Orgid 🖛	Responsibility 👻	RespApplication 👻	SecurityGroup 👻	NLSLanguage 👻	Language 👻	BusinessUnit 🔻
204	PAYABLES_OPERATIONS	SQLAP	STANDARD	AMERICAN	US	Vision Operations

Each row of this lookup corresponda to a Oracle Utilities Customer Cloud Service CIS Division since each division has its own set of Effective Dated Characteristics.

- OrgId must have the same value as "EBS Org Id".
- BusinessUnit must have the same value as "Oracle Financial Business Unit"

This Oracle Integration Cloud lookup is used to set the Oracle E-Business Suite context when creating or updating the Vendor and/or Vendor Site for one-time payment. Ask your sysadmin to share the values for the corresponding User Responsibility and Organization Unit.

CCS-EBS GL Cross Values

This chapter focuses on the CCS-EBS GL cross values configuration details. It includes the following:

- Overview
- GL Ledger/Journal Codes

Overview

This section focuses on the cross values defined in both Oracle Utilities Customer Cloud Service and Oracle E-Business Suite to properly identify the general ledger and the source in Oracle E-Business Suite. These values are used to import the Oracle Utilities Customer Cloud Service journals into Oracle E-Business Suite.

GL Ledger/Journal Codes

Oracle Utilities Customer Cloud Service has several Effective Dated Characteristics to be considered in Oracle E-Business Suite. These are part of the CIS Division configuration in Oracle Utilities Customer Cloud Service.

The following figure shows example values assigned to them:

Effective Date	Characteristic Type	Characteristic Value
01-01-1900	Journal Source	CCS TRANSFER
01-01-1900	Oracle Financial Cloud Business Unit	Vision Operations
01-01-1900	General ledger value	1
01-01-1900	EBS Org Id	204

Some are used to generate the GL Extract file in Oracle Utilities Customer Cloud Service:

Oracle Utilities	Customer Care and Billing			
	- → ③ Q		Advanced Search	
C MANAGE CAMPAGE	100 March 100 Ma			1000 A 10 A
Batch Job Submission			Bookmark Previous	item Nex
Main				
Parameter Name	Description	Parameter Value	Detailed Description	Required
fileIntegrationType	File Integration Type	C1-GLFCExtract		12
glCharType	GL Characteristic Type	GLEDGER		
journalSourceCharType	Journal Source Characteristic Type	C1-JNLSC		
				53

Note that the GL Account Separator must be identical to the one used in your Oracle E-Business Suite GL account configuration.