

Technical Brief – UBL 2.1 Electronic Invoicing in Oracle Cloud Financials -Receivables

Overview, Configurations and Frequently Asked Questions

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PURPOSE STATEMENT

This document provides an overview of features, processes, configurations and frequently asked questions in implementing electronic invoicing in Oracle Cloud Financials from release 21B onwards. It is intended solely to help in implementing electronic invoicing from 21B onwards onwards .

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INTRODUCTION

In the current business environment, it is imperative for organizations to operate efficiently to remain competitive. Business-To-Business e-commerce becomes an obvious choice for organizations to transact with business partners efficiently to improve operational efficiency. Oracle Cloud Applications support the exchange of business documents like Purchase Orders and Invoices between trading partners electronically using XML standards. The business benefits achieved using electronic invoicing are as follows:

- Reduction in manual invoice entry.
- Streamlined invoice processing.
- Reduced costs by eliminating "non-value-added" tasks involved in paper invoice processing.
- Tax and statutory Compliance.

SCOPE OF THIS DOCUMENT

This document covers the overview of electronic invoicing in Oracle Cloud Applications and the setups required for electronic invoicing. It also answers some of the frequently asked questions by System Implementers/Partners/Customers of Oracle while setting up electronic invoicing in Oracle Applications Cloud.

It covers the implementation of electronic invoicing using UBL 2.1 standard, with Collaboration Messaging Framework (CMK). However, if you are implementing another standard (e.g. OAGIS and cXML etc.), you will still find this document useful. The focus of this paper is outbound invoicing (Oracle Receivables) although some of the CMK setups are common/related for inbound (Oracle Payables) and outbound (Oracle Receivables) invoices. Therefore, they are covered, when required to give a holistic view. Unless explicitly stated, this document only refers to outbound invoicing.

This document does not intend to replace Implementation Guides or User Guides of CMK, Oracle Receivables or Oracle Payables. Please refer to these documents for more details.

The target audience for this document is the application consultant(s) implementing or planning to implement electronic invoicing.

OVERVIEW OF COLLABORATION MESSAGING FRAMEWORK

You can use Oracle Cloud Collaboration Messaging Framework to enable your Oracle Cloud Applications to establish business-to-business (B2B) message exchanging capabilities with your customers or suppliers.

Using this framework, you can send and receive real-time transactional B2B messages. You can exchange messages directly with your customers or suppliers or by using an intermediary such as a B2B service provider. Collaboration Messaging Framework can receive B2B messages from trading partners or service providers through Oracle B2B, an e-commerce gateway that enables the secure and reliable exchange of business documents between an enterprise and its trading partners, or directly using SOAP web services that are available to consumers.

Collaboration Messaging Framework supports transformation of a B2B document, such as a purchase order, from the Oracle Cloud Applications format to a message format supported by your customers or suppliers. When you send messages to partners or receive messages from them, the framework performs the required transformation.

The configuration and setup tasks you need to perform depend on the business process that you implement B2B message exchange for and whether or not you use a service provider.

This document describes the steps required to set up message exchange between Oracle Cloud Applications and trading partners using the Collaboration Messaging Framework. Oracle Cloud Applications interact with the CMK layer. CMK interacts either through 1) B2B Protocols or 2) web services to communicate with external parties. CMK can receive/send messages from/to trading partners (with or without service providers) in two ways:

1. SOAP Web services – CMK provides web services which trading partners can invoke to submit business documents. For more details, refer to “Collaboration Messaging Web Service” in Oracle Help Center.
2. Oracle B2B – Oracle B2B is a Middleware component that facilitates exchange of business documents between trading partners.

HIGH LEVEL CONFIGURATION

At a high level, the following needs to be performed to enable Oracle Cloud Applications to send out electronic invoices:

CMK setup:

- Define message.

- Set up service provider-associate with delivery method and message.

- Set up Trading partner.

- Associate customer account with service provider/trading partner/collaboration document.

Oracle B2B setup (required if B2B rather than web service is used for communication with trading partners, i.e. If B2B Adapter is selected as the delivery method):

- Create B2B partner (this will be mapped to CMK Service Provider) with the same name as CMK service provider.

- Add document for the partner (e.g.; UBL invoice).

- Add Channel for the partner (this is required only for outbound messages).

- Add agreement for the trading partner - map the document and direction. Validate and deploy.

Customer setup:

- Set up XML invoicing in customer account profile. Profile history- preferred delivery method XML.

- Also enable all relevant transactions for XML invoicing.

DETAILS OF CONFIGURATION

The following sections shows the configuration required for electronic invoicing.

Please refer to Receivables and to CMK implementation guide for more details here.

Setup First Party Legal Entity

This should already have been done in your system. Just check that your setup looks like this. The example below is a French Legal Entity example, but it works the same for all countries when it comes to populating the Seller Legal Entity Ids in the electronic invoice. These Ids are taken from the “Identifying” Jurisdiction (“France Income Tax” in the example below)

Edit Registration: Vision France

Jurisdiction	France Income Tax	Identifying	Yes
Territory	France	Place Of Registration	
* Registered Address	45 boulevard Alexandre Martin/78100 Vi	Issuing Legal Authority	
* Registered Name	Vision France	Issuing Legal Authority Address	
Alternate Name		Start Date	1/1/50
* SIREN	SYS12093	End Date	

Set Up Customer

Set up XML invoicing in the customer account profile. Set up the preferred delivery method as XML. Additionally, enable all relevant transactions for XML invoicing.

Edit Account: 46116 ?

Payment Terms: 30 Net ☐ Allow discount ☒ Override terms

Discount Grace Days:

Receipt Matching

Match Receipts By: Transaction Number AutoCash Rule Set: Oldest transactic

AutoMatch Rule Set: Default Automatch Ru Remainder Rule Set: Oldest transactic

☐ Automatically update receipt match by

Application Exception Rule Set: Receipt Clearing Days:

☐ AutoReceipts include disputed items

Statement and Dunning

☒ Send statement ☐ Send credit balance

* Statement Cycle: Monthly ☒ Send dunning letters

Preferred Contact Method: E-Mail Statement Preferred Delivery Method:

Invoicing

Grouping Rule: DEFAULT Preferred Delivery Method: XML

Generate Bill:

Enable for XML Invoicing ☒ Invoice ☒ Debit memo ☒ Chargeback ☒ Credit memo

Save Save and Close Ca

Setup Customer Legal Entity and Site information

- Tax Payer ID (SIREN/SIRET in France) must be populated as Legal Entity Identifiers at Party Organization level if this is the way your customers are setup in your system. Routing Number (Code Service) needs still to be entered at Bill To Site level
- Note that if you have Setup Customer Sites to represent customer Legal Entities, you need to enter SIREN/SIRET/Routing code at the Bill-To-Site level

Set Up Collaboration Messaging Framework

The following tasks need to be completed for enabling messaging with CMK:

1. Manage Collaboration Messaging Configuration
2. Manage Collaboration Messaging Service Provider
3. Manage Trading Partner
4. Manage Customer Account Collaboration

Manage Collaboration Messaging Configuration

1. Navigate to FSM >Manufacturing and Supply Chain Materials Management>Customers> Manage Collaboration Messaging Configuration (setup task)
2. Review set-up information

Enable Collaboration Messaging: Ensure that the Order-to-Cash business process has been enabled

Message Storage: Select which documents are to be stored by checking the appropriate boxes. You can accept the default (all documents selected).

Outbound Sender: Capture global sender ID here. If you are using OSN, enter the username and ID Type that were used to create the Buyer Account within Oracle Supplier Network or that will be used to create the Buyer Account within OSN. It is important that this information perfectly matches what was or will be created in OSN.

3. After review, select Save and Close.

Manage Collaboration Messaging Configuration Save Save and Close Cancel

Enable Collaboration Messaging

External Partner Role	Collaboration Business Process	Enabled
Supplier	Procure To Pay	<input checked="" type="checkbox"/>

Message Storage

☒ Store Outbound Source Document
 ☒ Store Inbound Source Document
☒ Store Outbound Transformed Document
 ☒ Store Inbound Transformed Document

Outbound Sender

Global Sender ID Global Sender ID Type * Maximum attachment size for outbound messaging MB

Manage Collaboration Messaging Service Provider

There are a few service providers defined out-of-the-box, including Oracle Business Network. You can define additional service providers.

Service Providers are intermediaries involved in the transmission of messages between your Oracle Applications Cloud and your Trading Partners.

An organization may have multiple such intermediaries, to handle different messaging scenarios. As an example, consider an organization that uses a third party service provider for EDI, an in-house B2B Gateway for most XML messages, and Oracle Supplier Network for communication with a specific set of suppliers. This is set up as three service providers in the Collaboration Messaging Framework.

Collaboration Messaging Framework receives/sends communication from/to the service provider, and this is used to exchange messages for all Trading Partners that are on the service provider's network. Please note that Service Providers are optional. If your business use case supports it, you can also directly exchange messages with your Trading Partners.

Note that if the delivery method type is B2B Adapter, the ID Type of the service provider must be "Name".

You can set up a trading partner and associate it to a service provider, or set up a trading partner without a service provider and configure delivery method and messages for the trading partner. Note that if no service provider is associated to the trading partner, and if the delivery method type is B2B Adapter, the ID Type of the Trading Partner must be "Name".

As an example, in New Zealand and Europe, the service providers can be PEPPOL access point providers. You can create a new service provider in CMK:

1. Navigate to Navigator > Tools > Collaboration Messaging.
2. Go to the task "Manage Collaboration Messaging Service Provider". Use the ID type = "Name".

The following screenshots represent setting up a service provider to be used with the B2B adapter. If you plan to use the web service, you can change the delivery method accordingly. You can also use email, SFTP or UCM as the delivery method. If you select B2B Adapter as the delivery method, you need to perform additional setup steps in Setup and Maintenance > Manage B2B Configuration.

[Edit Collaboration Messaging Service Provider: exchange](#) Save Save and Close Cancel

Name

Provider ID

ID Type

Delivery Methods Outbound Collaboration Messages Inbound Collaboration Messages

* Name	* Delivery Method Type	Service Name	Security Policy	Recipient Email ID	Attach Payload	Endpoint	User Name	Password	UCM File Export Document Account	B2B Routing Enabled
exchangeB2B	B2B Adapter									<input checked="" type="checkbox"/>

If you use this service provider for AR Invoices (Outbound Invoices), you will need to associate with the outbound message as well (as below).

Name exchange

Provider ID exchange

ID Type Name

Delivery Methods Outbound Collaboration Messages Inbound Collaboration Messages

Actions View + - X						
* Name	* Collaboration Message Definition	Delivery Method Name	Alternate Delivery Method	* Status	Retention Duration	Retention Duration Unit
Invoiceout	UBL_2.1_INVOICE_OUT	exchangeB2B		Active		

CMK Web service

Complete this setup if you are using the CMK web service for outbound messages.

You can use the access point with the following endpoint:

<https://<pod>/soa-infra/services/default/CmkCollaborationMessagingInboundServiceComposite/CollaborationMessageServiceV2>

Replace <pod> with the actual pod.

Set Up B2B

This is required only if you are using B2B adapter (and not web service) as the delivery method.

1. Create a B2B partner (this is mapped to CMK Service Provider) with the same name as the CMK service provider. Use ID type = Name (Create B2B trading partner with the same ID as the service provider in CMK, or if no service provider is used, then the same ID as the Trading Partner in CMK).
2. Add a document for the partner-UBL invoice.
3. Add a Channel for the partner. Ensure that you enable "Use Proxy".

The screenshot shows the Oracle B2B Administration console. On the left, a sidebar lists various entities under 'Partner' and 'Agreement'. The 'exchange' partner is selected. The main area shows the 'Channels' tab for the 'exchange' partner. A channel named 'exchange_Channel' is defined with the protocol 'Generic HTTP 1.0'. Below this, the 'Channel Details' section shows 'Transport Protocol' set to 'HTTP'. Under 'Transport Protocol Parameters', the 'Use proxy' checkbox is checked. There are also fields for 'User name', 'Password', and 'Confirm Password'.

4. Add an agreement for the trading partner- map the document and direction. Validate and deploy.

Manage Trading Partner

In collaboration messaging, you need to create a trading partner to identify different entities, such as your customer or supplier, for B2B messaging.

Before you can exchange B2B messages with a trading partner, you need to complete these high-level tasks:

1. Set up the trading partner with or without a service provider (using the manage B2B Trading partner task).

- Associate the trading partner with the entity it represents; for example, a customer, customer account, or supplier site. For AR invoice to work, you need to associate it with a customer account.

You can optionally set up confirmation codes and message processing rules.

Manage Customer Account Collaboration

This task must be performed for each customer account that needs to be enabled for B2B messaging using CMK.

Please note that CMK supports setup for electronic invoices at the customer account level. The customer account needs to be mapped with the trading partner to facilitate this.

- Navigate to **Manage Customer Account Collaboration Configuration**.

Manage Customer Account Collaboration Configuration ? Done

Search

* Collaboration Business Process: Order To Cash

** Customer Name: Michelin

** Customer Number:

** Customer Account Number:

** Account Description:

Taxpayer Identification Number:

D-U-N-S Number:

Search Reset

Customer Accounts

View Edit Collaboration Configuration

Customer Name	Customer Number	Customer Account Number	Account Description	Taxpayer Identification Number	D-U-N-S Number	Collaboration Configured
	746328	37118				—
	746331	37119				✓

- Select the customer account and click **Edit Collaboration Configuration**.
- Associate with the appropriate Service Provider and Trading Partner.
- Associate with the collaboration document.

Edit Customer Account Collaboration Configuration: Michelin Manufacturing ? Save Save and Close Cancel

Collaboration Business Process: Order To Cash

Account Description: Michelin Manufacturing

Customer Name: Michelin Manufacturing

Customer Number: 746331

Customer Account Number: 37119

Taxpayer Identification Number: 85520050700017

D-U-N-S Number:

Associated Service Providers

Actions View Format + X Freeze

* Service Provider	* Trading Partner ID	Partner ID Type	Sender Party ID	Sender ID Type	* Application Partner Code	Domain Value Map
exchange	12345678	Name			37119	COMMON
exchange	abcd	Name			37119-2	

Columns Hidden 1

Collaboration Documents for Service Provider: exchange

Actions View Format + X Freeze

* Document	Description	Sender Role	Direction	Association Status	Association Status Date	Primary Recipient
PROCESS_INVOICE_OUT	Process Invoice...	Supplier	Outbound	Enabled	6/22/20 2:01 PM	✓

Columns Hidden 1

PROCESSING XML INVOICES

Once the setup is complete, you can generate and send outbound XML invoices:

- The invoice is generated and completed in Oracle Receivables.
- Run “Generate and Transfer XML Transactions” to send the XML invoice from Oracle Receivables to CMK.

- CMK receives the invoice, transforms the XML payload, and sends the invoice to the recipients based on your setup. No user intervention is required if the configuration is complete.

Process Details

This process will be queued up for submission at position 1

Process Options

Advanced

Submit

Cancel

Name

Generate and Transfer XML Transactions

Description

Sends transactions to customers in XML format.

☐

Notify me when this process ends

Schedule

As soon as possible

Submission Notes

Basic Options

Parameters

* Business Unit

Transactions Included

New Transactions Only

Transaction Class

Transaction Type

From Customer

To Customer

From Transaction Number

To Transaction Number

From Transaction Date

m/d/yyyy

To Transaction Date

m/d/yyyy

From Failed Transaction Number

To Failed Transaction Number

- Status of the invoice is updated in AR (Status can further be updated, when invoice response is received)
Please see details here .

FREQUENTLY ASKED QUESTIONS

General questions like licensing, supported formats etc.

1. Does Oracle Cloud support UBL 2.1 messages?

Oracle Cloud enables customers to use UBL 2.1 messages. Please see details in the data elements mapping section. The functionality that is supported includes credit notes, payment method (payment means code: BT-21), line level charge reason code, etc. Most of the data items that you will need for outbound invoicing are covered. We also support extensibility, so that you can get any additional data items that you need from Cloud into invoice XML. Additionally, you can customize the mapping either by DVM (Domain Value Map) or by modifying the style sheet. Details are covered in another section of this document.

2. What are the other formats that are supported by Oracle Cloud ?

Currently, OAGIS 10.1 and UBL 2.1 are supported. The messages can also be customized based on specific customer requirements.

3. We have subscribed to Oracle Cloud. Do we need any other Oracle infrastructure license for using B2B communication?

No, you do not need any other license to make B2B invoicing work. Internally it uses CMK and B2B, but it does not involve any extra licensing.

4. Is B2B / Trading Partner Channel setup required when using Collaborative Messaging Framework (CMK)?

The B2B / Trading Partner Channel setup is no longer applicable since the introduction of Collaborative Messaging Framework (CMK). However, certain minimal B2B setups are required to make it work with CMK, if you choose to use B2B adapter as the delivery method (Details of the setups required are covered in this document separately). No B2B setups are required, if you use web service/email/UCM as the delivery method.

5. Does CMK Support AS2?

CMK supports AS2. You will need to use B2B adapter as the delivery method if you choose to use AS2.

Setup related questions

1. Who are the potential parties involved in an e-invoicing scenario and how are they defined In Oracle Cloud ?

The following parties are typically involved in an e-invoicing transaction:

Parties in invoice transaction	CMK Definition	B2B Definition
Service Provider/Access Point Provider	Service Provider	Partner
Customer Account	Trading Partner	Not Applicable
Supplier Site	Trading Partner/Application Partner	Not Applicable

2. What is the role of the Service Provider?

Service Providers are intermediaries involved in the transmission of messages between your Oracle Cloud and your Trading Partners.

An organization may have multiple such intermediaries, to handle different messaging scenarios. As an example, consider an organization that uses a third party service provider for EDI, an in-house

B2B Gateway for most XML messages, and Oracle Business Network for communication with a specific set of suppliers. This will be set up as three service providers in Collaboration Messaging Framework.

Collaboration Messaging Framework receives/sends communication from/to the service provider, and this is used to exchange messages for all Trading Partners that are on the service provider's network.

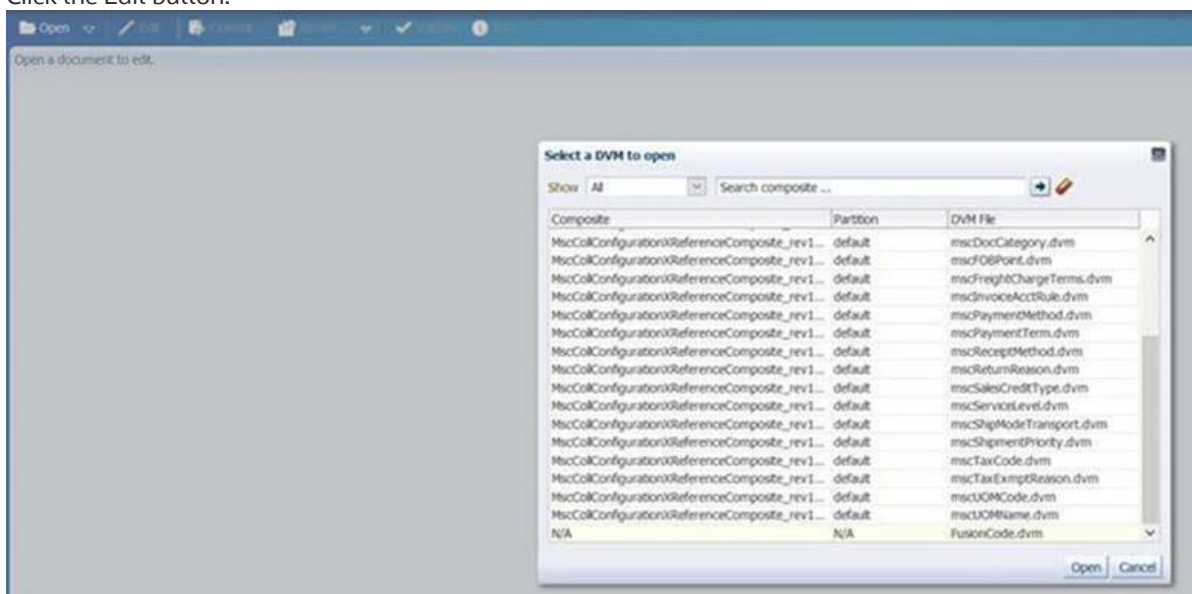
As an example, in New Zealand, the service providers are access point providers. You can create a new service provider in CMK.

3. How can I convert the Payment Means Code we have defined in our system to the Payment Means Code to be used in the XML file?

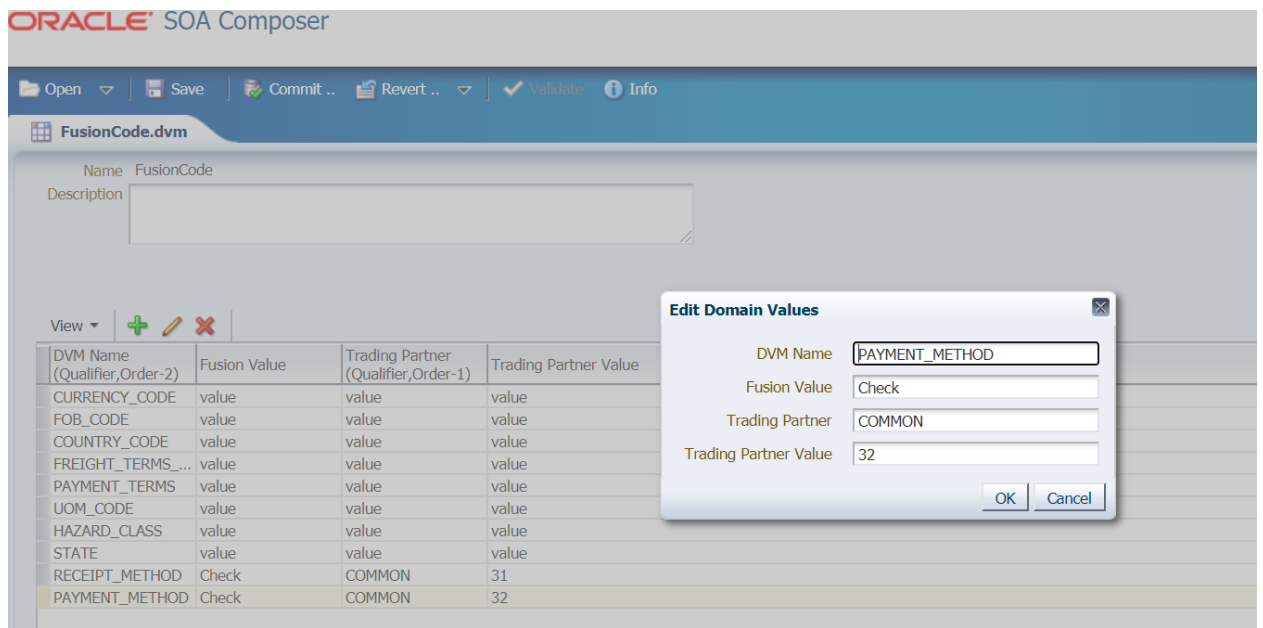
You can map the values in DVM. DVM is a generic solution that can be used for such mappings. Other potential options where DVM can be used are currency code, payment terms, and unit of measure.

For more details, refer to the CMK implementation guide "Oracle SCM Cloud Configuring and Managing B2B Messaging". You can find it [here](#).

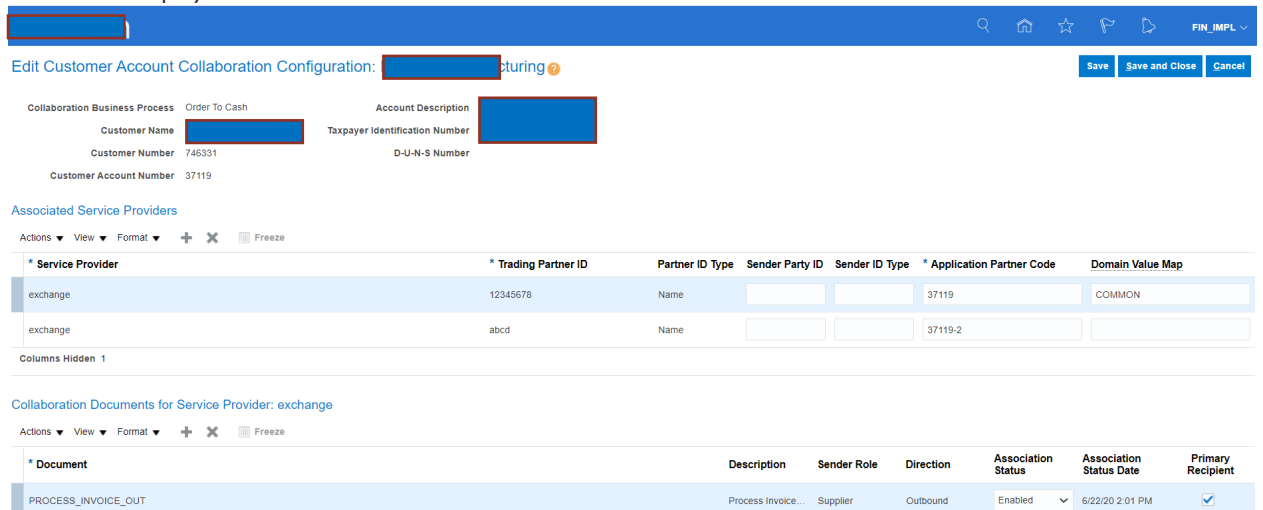
1. Go to Setup and Maintenance and search for the task "Manage Collaboration Messaging Domain Value Map".
2. It will open the SOA Composer UI. Select Open > Open DVM and select FusionCode.DVM.
3. Click the Edit button.



4. Add an entry for DVM Name PAYMENT_METHOD. Enter the value configured in Oracle Cloud (Fusion Value), the value to be sent to the trading partner (Trading Partner Value), and the Trading Partner Qualifier. The following example is for converting the Oracle applications value "Check" to the trading partner value "32". The Trading Partner Qualifier (COMMON) is used to associate one or more trading partners with this particular mapping as explained in the following steps.



5. Make sure to Save and Commit the changes.
6. On the customer account, edit the Associated Collaboration Documents.
7. In the Domain Value Map field, enter the same value entered for Trading Partner in step 4 (COMMON in this example).



8. Test by sending an invoice and check if the payment means code is updated.
9. The following DVM codes can be created by the user to use in e-invoicing to transcode their internal setup values into UBL 2.1 European standard codes

Domain Value Maps	Code Lists
INVOICE_TRX_TYPE_CODE	https://docs.peppol.eu/poacc/billing/3.0/codelist/UNCL1001-inv/
EAS_CODE	https://docs.peppol.eu/poacc/billing/3.0/codelist/eas/
PAYMENT_METHOD	https://docs.peppol.eu/poacc/billing/3.0/codelist/UNCL4461/
TAX_CATEGORY_CODE	https://docs.peppol.eu/poacc/billing/3.0/codelist/UNCL5305
UOM_CODE	https://docs.peppol.eu/poacc/billing/3.0/codelist/UNECERec20/
CHARGE_REASON_CODE	https://docs.peppol.eu/poacc/billing/3.0/codelist/UNCL7161/
ICD_CODE	https://docs.peppol.eu/poacc/billing/3.0/codelist/ICD/

4. Does DVM always need to be defined in the context of a trading partner? Can we define a DVM mapping once that is valid for all trading partners?

DVM is always in the context of a trading partner. However, you can reuse the same DVM for multiple TPs (Trading Partner). Specify the same value for “Domain Value Map” (i.e. the TP Qualifier) for multiple TPs.

5. What are the configurations required to implement outbound electronic invoicing?

The details of setups and configurations are explained in a separate section [here](#). Additionally, please refer to the CMK implementation guide “Oracle SCM Cloud Configuring and Managing B2B Messaging” and “Oracle Financials Cloud: Implementing Receivables-Credit to Cash” for details. You can find them [here](#).

6. What is AR extensibility and how do we implement it?

Most of the data items you will need for your country are already mapped in UBL XML output. However, if you need any specific attribute that is not mapped, and no standard tag is available in the seeded XML, you can add this to the UserArea extension of the style sheet. You might need to write PLSQL codes to load extension attributes for the XML invoicing process. For example, this feature is useful if you need certain customer site DFFs that are not seeded in the invoice. You can use public APIs to insert and process user-defined attributes in XML transactions. Use these APIs in the PL/SQL code you write in the anonymous code block of the delivered Load Extension Attributes for XML Transactions BIP data model. The Load Extension Attributes for XML Transactions BIP report process runs as part of the Generate and Transfer XML Transactions process. The extension attributes for Receivables transactions are computed and loaded into the AR_EXTENSION_ATTRIBUTES table during XML creation and delivery, once you configure the Load Extension Attributes for XML Transactions BIP data model to compute and load extension attributes using the API `arp_util.insert_ar_extension_attributes`. The API `arp_util.update_ready_for_xml_flag` sets RA_CUSTOMER_TRX_ALL.READY_FOR_XML_DELIVERY to Y. We have a file for a sample PL SQL Code.

Invoice processing related questions

1. Can we handle negative invoices?

Yes, Oracle Receivables can handle negative invoices. It can handle credit memos as well.

2. Can the e-invoices be stored in my system as historical records?

Yes, they can be stored as CMK messages. The duration of storage can be specified in the setup of the service provider.

vision

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SYSTEM ADMINIST...

Edit Collaboration Messaging Service Provider: Test1

Save

Save and Close

Cancel

Name

Test1

Provider ID

12323

ID Type

Generic

Delivery Methods

Outbound Collaboration Messages

Inbound Collaboration Messages

Actions

View

+

≡

×

* Name	* Collaboration Message Definition	* Status	Sender Party Id XPath	Retention Duration	Retention Duration Unit
UBL-2.1_INVOICE_IN	UBL-2.1_INVOICE_IN	Active	Invoice/Delivery/DeliveryLocation/ID	3	Year

3. Can Oracle Cloud handle Invoice Response from the customer?

This is available in release 21C.

4. We need a few customer site DFFs in the XML invoice. How do we achieve this?

Some DFFs, like those in the invoice header and invoice lines, are exposed and available in the predefined invoice message. Customers Bill to site DFF are available for mapping. See the “Field Mapping section for the full list of data elements available (already mapped or available such as DFF)

Troubleshooting

1. We need to change the mapping for our specific requirement. Can we do that?

Yes, you can. You can customize the mapping easily by modifying the default stylesheet (XSLT) associated with the message definition.

CMK delivers predefined messages that map the XML payload fields to the Oracle Cloud Applications objects such as Invoices using XSLT files. Customers can change the seeded mappings, to accommodate either trading partner specific variations, or specific requirements that are not addressed by the seeded mappings.

The steps for updating the mapping are:

- 1) Navigate to the Collaboration Messaging work area (Navigator-Tools-Collaboration Messaging) and click the Manage Collaboration Message Definitions.

Overview

Undelivered Messages

Duration

Today

Direction

Outbound

Document

ACKNOWLEDGE_CHANGE_PO_OUT

Acknowledge Change Purchase Order Outbound

Document	Service Provider	Trading Partner ID	Partner ID Type	Error Type
No data to display.				

Administration

- Validate Outbound Collaboration Messaging Setup
- Validate Inbound Collaboration Messaging Setup
- Manage Undelivered Collaboration Messages
- Manage Collaboration Messaging History
- Manage Failed Collaboration Messages

Trading Partners

- Manage B2B Trading Partners
- Manage Customer Collaboration Configuration
- Manage Supplier Collaboration Configuration
- Manage Customer Account Collaboration Configuration
- Manage Collaboration Messaging Setup Data Import
- Manage Collaboration Message Definitions

Service Providers

- Manage Collaboration Messaging Service Providers

- 2) Search for the message by selecting Direction as Outbound and Document as PROCESS_INVOICE_OUT.

Manage Collaboration Message Definitions

Search

Direction: Outbound
Document: PROCESS_INVOICE_OUT
Name:
Messaging Standard:
Version:
Message Subtype:
Message Type:
Service Provider:
Search Reset

Collaboration Message Definitions

Name	User Define	XSLT File	Messaging Standard	Version	Message Subtype	Message Type	Supports Attachments	Application Partner Code XPath	Object Key XPath	Description
OAGIS_10.1_PROCESS_IN...	<input type="checkbox"/>	FIN-AR-InvoiceToOAGIS-10.1-ProcessInvoiceColl...	OAGIS	10.1	ProcessInvoice	CollaborationM...	✓			Accounts Recei...
UBL_2.1_INVOICE_OUT	<input type="checkbox"/>	FIN-AR-InvoiceToUBL-2.1-Invoice.xsl	UBL	2.1	Invoice	Invoice	✓			Accounts Recei...
OAGIS_10.1_PROCESS_IN...	<input type="checkbox"/>	FIN-AR-InvoiceToOAGIS-10.1-ProcessInvoiceColl...	OAGIS	10.1	ProcessInvoice	ProcessInvoice	✓			Accounts Recei...
OAGIS_10.1_PROCESS_IN...	<input type="checkbox"/>	FIN-AR-InvoiceToOAGIS-10.1-ProcessInvoiceColl...	OAGIS	10.1	ProcessInvoice	CollaborationM...	✓			Accounts Recei...
OAGIS_10.1_PROCESS_IN...	<input type="checkbox"/>	FIN-AR-InvoiceToOAGIS-10.1-ProcessInvoiceColl...	OAGIS	10.1	ProcessInvoice	ProcessInvoice	✓			Accounts Recei...

- 3) From the search results, select the message UBL_2.1_INVOICE_OUT and select Actions > Duplicate Collaboration Message.

Manage Collaboration Message Definitions

Search

Direction: Outbound
Document: PROCESS_INVOICE_OUT
Name:
Messaging Standard:
Version:
Message Subtype:
Message Type:
Service Provider:
Search Reset

Collaboration Message Definitions

Actions

- Create Collaboration Message Definition
- Duplicate Collaboration Message
- Edit Collaboration Message
- Delete Collaboration Message
- Export to Excel
- Export Transformation Package
- Configure Email Properties

Name	User Define	XSLT File	Messaging Standard	Version	Message Subtype	Message Type	Supports Attachments	Application Partner Code XPath	Object Key XPath	Description
OAGIS_10.1_PROCESS_IN...	<input type="checkbox"/>	FIN-AR-InvoiceToOAGIS-10.1-ProcessInvoiceColl...	OAGIS	10.1	ProcessInvoice	CollaborationM...	✓			Accounts Recei...
UBL_2.1_INVOICE_OUT	<input type="checkbox"/>	FIN-AR-InvoiceToUBL-2.1-Invoice.xsl	UBL	2.1	Invoice	Invoice	✓			Accounts Recei...
OAGIS_10.1_PROCESS_IN...	<input type="checkbox"/>	FIN-AR-InvoiceToOAGIS-10.1-ProcessInvoiceColl...	OAGIS	10.1	ProcessInvoice	ProcessInvoice	✓			Accounts Recei...
OAGIS_10.1_PROCESS_IN...	<input type="checkbox"/>	FIN-AR-InvoiceToOAGIS-10.1-ProcessInvoiceColl...	OAGIS	10.1	ProcessInvoice	CollaborationM...	✓			Accounts Recei...
OAGIS_10.1_PROCESS_IN...	<input type="checkbox"/>	FIN-AR-InvoiceToOAGIS-10.1-ProcessInvoiceColl...	OAGIS	10.1	ProcessInvoice	ProcessInvoice	✓			Accounts Recei...

You can edit the default Message Name if required. Select the modified XSLT. Save and Close.

The screenshot shows the Oracle Manage Collaboration Message Definitions interface. A modal window titled "Duplicate Collaboration Message" is open, allowing the user to create a new message definition by duplicating an existing one. The modal contains the following fields:

- Name:** UBL_2.1_INVOICE_OUT
- Description:** Accounts Receivable Invoice to UBL 2.1 Invoice transformation
- XSLT File:** Choose file (No file chosen)
- Payload Template:** Choose file (No file chosen)

The background interface shows a table of Collaboration Message Definitions. The table has the following columns: Name, User Define, XSLT File, Message Type, Supports Attachments, Application Partner Code XPath, Object Key XPath, and Description. The table lists several message definitions, including OAGIS_10.1_PROCESS_IN... and UBL_2.1_INVOICE_OUT.

- 4) The new message created must be associated with the B2B Trading Partner or the Service Provider:
 1. Navigate to the Manage Collaboration Messaging Service Providers task.
 2. Select the Inbound Collaboration Messages tab.
 3. Mark the existing Message as Inactive and duplicate the Message.
 4. Enter a Name and select the new Message definition that you created.
 5. Make the new message Active.
 6. Save and Close.

FIELD MAPPING

This table provides a simplified field mapping for functional and business understanding.

Level	source	target
File header	"2.1" Hard Coded in Style Sheet	ubl:Invoice/cbc:UBLVersionID
File header	"peppol.eu:2017:poacc:billing:01:1.0"	ubl:Invoice/cbc:ProfileID
Invoice Header	TrxNumber	ubl:Invoice/cbc:ID
Invoice Header	TrxDate	ubl:Invoice/cbc:IssueDate
Invoice Header	DocumentType	ubl:Invoice/cbc:InvoiceTypeCode
Invoice Header	CurrencyCode	ubl:Invoice/cbc:DocumentCurrencyCode
Invoice Header	TrxNumber	ubl:Invoice/cbc:ID
Invoice Header	Structured Remittance Code	ubl:Invoice/cbc:BuyerReference
Invoice Header	PurchaseOrder	ubl:Invoice/cac:OrderReference/cbc:ID
Invoice Header	OriginalTrxNumber	ubl:Invoice/cac:BillingReference/cac:InvoiceDocumentReference/cbc:ID
Invoice Header	OrigTrxDate	ubl:Invoice/cac:BillingReference/cac:InvoiceDocumentReference/cbc:IssueDate
Invoice Header	Invoice/Credit Memo/Debit Memo	ubl:Invoice/cac:BillingReference/cac:InvoiceDocumentReference/cbc:DocumentType

Invoice Header	ContractDocRefId	ubl:Invoice/cac:ContractDocumentReference/cbc:ID
Invoice Header	CtReference	ubl:Invoice/cac:ContractDocumentReference/cbc:UUID
Hard coded	"Order"	ubl:Invoice/cac:ContractDocumentReference/cbc:DocumentTypeCode
Hard coded	"Sales Order"	ubl:Invoice/cac:ContractDocumentReference/cbc:DocumentType
attachment	DocumentId	ubl:Invoice/cac:AdditionalDocumentReference/cbc:ID
attachment	Attachments url	ubl:Invoice/cac:AdditionalDocumentReference/cac:Attachment/cbc:EmbeddedDocumentBinaryObject/@uri
attachment	Attachment type	ubl:Invoice/cac:AdditionalDocumentReference/cac:Attachment/cbc:EmbeddedDocumentBinaryObject/@mimeCode
attachment	Attachment file (.pdf, .zip, etc)	ubl:Invoice/cac:AdditionalDocumentReference/cac:Attachment/cbc:EmbeddedDocumentBinaryObject
Hardcoded	"CODDEST"	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cbc:EndpointID/@schemeID
Invoice Header	First Party (Supplier) Tax Payer ID	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cbc:EndpointID
Hardcoded	"0205"	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PartyIdentification/cbc:ID/@schemeID
Hardcoded	"VAT"	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PartyIdentification/cbc:ID/@schemeName
Invoice Header	First Party (Supplier) Tax Registration Number	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PartyIdentification/cbc:ID
Invoice Header	LegalEntityName	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PartyName/cbc:Name
Supplier/Locations	SupplierDescription	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PostalAddress/cbc:ID
Supplier/Locations	SupplierAddressLineOne	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PostalAddress/cbc:StreetName
Supplier/Locations	SupplierAddressLineTwo	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PostalAddress/cbc:AdditionalStreetName
Supplier/Locations	SupplierAddressLineThree	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PostalAddress/cbc:BuildingName
Supplier/Locations	SupplierTownOrCity	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PostalAddress/cbc:CityName
Supplier/Locations	SupplierPostalCode	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PostalAddress/cbc:PostalZone
Supplier/Locations	SupplierAddressLineOne	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PostalAddress/cac:AddressLine/cbc:Line
Supplier/Locations	Supplier State	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PostalAddress/cbc:CountrySubentity
Supplier/Locations	SupplierCountry	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PostalAddress/cac:Country/cbc:IdentificationCode
Hardcoded	"VAT"	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PartyTaxScheme/cbc:CompanyID/@schemeID
Invoice Header	SupplierRegNumber	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PartyTaxScheme/cbc:CompanyID
Invoice Header	ExemptReasonCode	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PartyTaxScheme/cbc:ExemptionReasonCode
Invoice Header	ExemptReasonCode	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PartyTaxScheme/cbc:ExemptionReason

Hardcoded	VAT	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PartyTaxScheme/cac:TaxScheme/cbc:ID
Legal Entity	LegalEntityName	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PartyLegalEntity/cbc:RegistrationName
Legal Entity	LegalEntityTaxpayerId	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:PartyLegalEntity/cbc:CompanyID
Invoice Header	SalesRepresent	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:Contact/cbc:ID
Invoice Header	SalesRepresent	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:Contact/cbc:Name
Invoice Header	SupplierPhoneNumberOne	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:Contact/cbc:Telephone
Invoice Header	SalesRepresentEmail	ubl:Invoice/cac:AccountingSupplierParty/cac:Party/cac:Contact/cbc:ElectronicMail
Supplier	Business Unit Manager	Available for mapping
Invoice Header	DVM(Map with country code in EAS Code)	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cbc:EndpointID/@schemeID
Invoice Header	Customer Routing Number	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cbc:EndpointID
Invoice Header	Tax Registration Number(Scheme ID comes from DVM of ICD Code)	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PartyIdentification/cbc:ID
Invoice Header	Bill-to PartyName	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PartyName/cbc:Name
Invoice Header	Bill-to AccountSiteLanguage	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:Language/cbc:Name
Invoice Header	Bill-to AddressLineFour	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PostalAddress/cbc:Floor
Invoice Header	Bill-to AddressLineOne	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PostalAddress/cbc:StreetName
Invoice Header	Bill-to AddressLineTwo	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PostalAddress/cbc:AdditionalStreetName
Invoice Header	Bill-to AddressLineThree	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PostalAddress/cbc:BuildingName
Invoice Header	Bill-to City	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PostalAddress/cbc:CityName
Invoice Header	Bill-to PostalCode	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PostalAddress/cbc:PostalZone
Invoice Header	Bill-to County	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PostalAddress/cbc:CountrySubentity
Invoice Header	Bill-to AddressLineOne	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PostalAddress/cac:AddressLine/cbc:Line
Invoice Header	Bill-to CountryCode	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PostalAddress/cac:Country/cbc:IdentificationCode
Hardcoded	"VAT"	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PartyTaxScheme/cbc:CompanyID/@schemeID
Invoice Header	CustomerTaxRegNumber	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PartyTaxScheme/cbc:CompanyID
Hardcoded	"VAT"	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PartyTaxScheme/cac:TaxScheme/cbc:ID
Invoice Header	PartyName	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PartyLegalEntity/cbc:RegistrationName

Hardcoded	"VAT"	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PartyLegalEntity/cbc:CompanyID/@schemeID
Invoice Header	CustomerTaxRegNumber	ubl:Invoice/cac:AccountingCustomerParty/cac:Party/cac:PartyLegalEntity/cbc:CompanyID
Invoice Header	Name	ubl:Invoice/cac:AccountingCustomerParty/cac:AccountingContact/cbc:Name
Invoice Header	PrimaryPhoneNumber	ubl:Invoice/cac:AccountingCustomerParty/cac:AccountingContact/cbc:Telephone
Invoice Header	EmailAddress	ubl:Invoice/cac:AccountingCustomerParty/cac:AccountingContact/cbc:ElectronicMail
Invoice Header	AddressLineFour	ubl:Invoice/cac:Delivery/cac:DeliveryLocation/cac:Address/cbc:Floor
Invoice Header	AddressLineOne	ubl:Invoice/cac:Delivery/cac:DeliveryLocation/cac:Address/cbc:StreetName
Invoice Header	AddressLineTwo	ubl:Invoice/cac:Delivery/cac:DeliveryLocation/cac:Address/cbc:AdditionalStreetName
Invoice Header	AddressLineThree	ubl:Invoice/cac:Delivery/cac:DeliveryLocation/cac:Address/cbc:BuildingName
Invoice Header	City	ubl:Invoice/cac:Delivery/cac:DeliveryLocation/cac:Address/cbc:CityName
Invoice Header	PostalCode	ubl:Invoice/cac:Delivery/cac:DeliveryLocation/cac:Address/cbc:PostalZone
Invoice Header	County	ubl:Invoice/cac:Delivery/cac:DeliveryLocation/cac:Address/cbc:CountrySubentity
Invoice Header	Bill To Site AddressLineOne	ubl:Invoice/cac:Delivery/cac:DeliveryLocation/cac:Address/cac:AddressLine/cbc:Line
Invoice Header	CountryCode	ubl:Invoice/cac:Delivery/cac:DeliveryLocation/cac:Address/cac:Country/cbc:IdentificationCode
Invoice Header	ShipToTradeParty/PartyName	ubl:Invoice/cac:Delivery/cac:DeliveryParty/cac:PartyName/cbc:Name
Invoice Header	ShipToTradeParty/Name	ubl:Invoice/cac:Delivery/cac:DeliveryParty/cac:Contact/cbc:Name
Invoice Header	ShipToTradeParty/PrimaryPhoneNumber	ubl:Invoice/cac:Delivery/cac:DeliveryParty/cac:Contact/cbc:Telephone
Invoice Header	ShipToTradeParty/EmailAddress	ubl:Invoice/cac:Delivery/cac:DeliveryParty/cac:Contact/cbc:ElectronicMail
Invoice Header	Payment Means Code(Uses DVM)	ubl:Invoice/cac:PaymentMeans/cbc:PaymentMeansCode
Invoice Header	DueDate	ubl:Invoice/cac:PaymentMeans/cbc:PaymentDueDate
Invoice Header	PayeeIBANNumber	ubl:Invoice/cac:PaymentMeans/cac:PayeeFinancialAccount/cbc:ID
Invoice Header	PayeeBankBranchId	ubl:Invoice/cac:PaymentMeans/cac:PayeeFinancialAccount/cac:FinancialInstitutionBranch/cbc:ID
Invoice Header	BANK_ACCT_NUM_HASH1	Ubl:/Invoice/PaymentMeans/PaymentMandate/PayerFinancialAccount/ID
Invoice Header	PaymenttermDescription	ubl:Invoice/cac:PaymentTerms/cbc:Note
Invoice Header	Invoice header DFFs	Available for mapping
Invoice Allowance	if "true"	ubl:Invoice/cac:AllowanceCharge/cbc:ChargeIndicator
Invoice Allowance	Reason Code	ubl:Invoice/cac:AllowanceCharge/cbc:AllowanceChargeReason
Invoice Allowance	CurrencyCode	ubl:Invoice/cac:AllowanceCharge/cbc:Amount/@currencyID
Invoice Allowance	TaxRateCode	ubl:Invoice/cac:AllowanceCharge/cac:TaxCategory/cbc:ID

Invoice Allowance	TaxRate	ubl:Invoice/cac:AllowanceCharge/cac:TaxCategory/cbc:Percent
Invoice Allowance	VAT	ubl:Invoice/cac:AllowanceCharge/cac:TaxCategory/cac:TaxScheme/cbc:ID
Invoice Tax Subtotal	CurrencyCode	ubl:Invoice/cac:TaxTotal/cbc:TaxAmount/@currencyID
Invoice Tax Subtotal	TotalTaxAmount	ubl:Invoice/cac:TaxTotal/cbc:TaxAmount
Invoice Tax Subtotal	CurrencyCode	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cbc:TaxableAmount/@currencyID
Invoice Tax Subtotal	TaxableAmount	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cbc:TaxableAmount
Invoice Tax Subtotal	CurrencyCode	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cbc:TaxAmount/@currencyID
Invoice Tax Subtotal	TaxAmount	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cbc:TaxAmount
Invoice Tax Subtotal	TaxRateCode(Use DVM)	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cbc:ID
Invoice Tax Subtotal	TaxRate	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cbc:Percent
Invoice Tax Subtotal	ExemptReasonCode	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cbc:TaxExemptionReasonCode
Invoice Tax Subtotal	ExemptReason	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cbc:TaxExemptionReason
Invoice Tax Subtotal	VAT	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cac:TaxScheme/cbc:ID
Invoice Header Charge / Freight	CurrencyCode	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cbc:TaxableAmount/@currencyID
Invoice Header Charge / Freight	ChargeAmount	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cbc:TaxableAmount
Invoice Header Charge / Freight	CurrencyCode	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cbc:TaxAmount/@currencyID
Invoice Header Charge / Freight	0	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cbc:TaxAmount
Invoice Header Charge / Freight	ZERO	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cbc:ID
Invoice Header Charge / Freight	0	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cbc:Percent
Invoice Header Charge / Freight	VAT	ubl:Invoice/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cac:TaxScheme/cbc:ID
Invoice Header	CurrencyCode	ubl:Invoice/cac:LegalMonetaryTotal/cbc:LineExtensionAmount/@currencyID
Invoice Header	LineExtensionAmount	ubl:Invoice/cac:LegalMonetaryTotal/cbc:LineExtensionAmount
Invoice Header	CurrencyCode	ubl:Invoice/cac:LegalMonetaryTotal/cbc:TaxExclusiveAmount/@currencyID
Invoice Header	TaxExclusiveAmount	ubl:Invoice/cac:LegalMonetaryTotal/cbc:TaxExclusiveAmount
Invoice Header	CurrencyCode	ubl:Invoice/cac:LegalMonetaryTotal/cbc:TaxInclusiveAmount/@currencyID
Invoice Header	InvoiceAmount	ubl:Invoice/cac:LegalMonetaryTotal/cbc:TaxInclusiveAmount
Invoice Header	CurrencyCode	ubl:Invoice/cac:LegalMonetaryTotal/cbc:AllowanceTotalAmount/@currencyID
Invoice Header	DiscountAmount	ubl:Invoice/cac:LegalMonetaryTotal/cbc:AllowanceTotalAmount

Invoice Header	TransferDocHeader/CurrencyCode	ubl:Invoice/cac:LegalMonetaryTotal/cbc:ChargeTotalAmount/@currencyID
Invoice Header	ChargeAmount	ubl:Invoice/cac:LegalMonetaryTotal/cbc:ChargeTotalAmount
Invoice Header	CurrencyCode	ubl:Invoice/cac:LegalMonetaryTotal/cbc:PayableAmount/@currencyID
Invoice Header	InvoiceAmount	ubl:Invoice/cac:LegalMonetaryTotal/cbc:PayableAmount
Invoice Header	Ship Date	Ubl:/Invoice/Delivery/ActualDeliveryDate
Invoice Header	Payment term Id	Available for mapping
Invoice Header	ReferenceNumber	Available for mapping
Invoice Header	ShipToSiteUse Id	Available for mapping
Invoice Header	ShipToContact Id	Available for mapping
Invoice Header	BillToSiteUse Id	Available for mapping
Invoice Header	BillToContact Id	Available for mapping
Invoice Header	RemitToAddress Id	Available for mapping
Invoice Header	Supplier Primary Address	Available for mapping
Invoice Header	Supplier Region One	Available for mapping
Invoice Header	Supplier RegionTwo	Available for mapping
Invoice Header	SupplierRegionThree	Available for mapping
Invoice Header	Supplier PhoneNumber Two	Available for mapping
Invoice Header	Supplier PhoneNumber Three	Available for mapping
Invoice Header	Waybill Number	Available for mapping
Invoice Header	Supplier Code	Available for mapping
Invoice Header	Freight Code	Available for mapping
Invoice Header	Freight Description	Available for mapping
Invoice Header	Transaction Class	Available for mapping
Invoice Header	Payment Term	Available for mapping
Invoice Header	BillToTradeParty	Available for mapping
Invoice Header	ShipToTradeParty	Available for mapping
Invoice Header	RemitTo	Available for mapping
Invoice Header	Term Due date	ubl:/Invoice/DueDate
Invoice Header	Special Instructions	ubl:/Invoice/Note
Invoice Header	Structured Payment Reference	Available for mapping
Invoice Header	Waybill number	ubl:/Invoice/DespatchDocumentReference/ID
Invoice Header	Contract ID	ubl:/Invoice/OriginatorDocumentReference/ID
Invoice Header	Transaction Type name and description(Use DVM)	ubl:/Invoice/cbc:InvoiceTypeCode
Invoice Header	Comments	ubl:/Invoice/PaymentMeans/InstructionNote
Invoice Header	Interface Header DFFs	Available for mapping
Invoice Line	Interface Line DFFs	Available for mapping
Invoice Header	Debit Authorization ID	ubl:/Invoice/PaymentMeans/PaymentMandate/ID
Invoice Header	Waybill number	ubl:/Invoice/DespatchDocumentReference/ID
Invoice Header	Contract ID	ubl:/Invoice/OriginatorDocumentReference/ID
Invoice Header	TaxRegimeCode	Available for mapping
Invoice Header	LE TaxPayer ID	Available for Mapping
Tax Representative	Tax Representative Name(LRU address is extracted if it is primary	ubl:/Invoice/TaxRepresentativeParty/PartyName/Name

	and the address purpose is TAX_REPRESENTATIVE)	
Tax Representative	Tax Representative address line 1	ubl:/Invoice/TaxRepresentativeParty/PartyTaxScheme/StreetName
Tax Representative	Tax Representative address line 2	ubl:/Invoice/TaxRepresentativeParty/PartyTaxScheme/AdditionalStreetName
Tax Representative	Tax Representative address line 3	ubl:/Invoice/TaxRepresentativeParty/PartyName/PostalAddress/AddressLine/Line
Tax Representative	Tax Representative city	ubl:/Invoice/TaxRepresentativeParty/PartyTaxScheme/CityName
Tax Representative	Tax Representative postal code	ubl:/Invoice/TaxRepresentativeParty/PartyTaxScheme/PostalZone
Tax Representative	Tax Representative State	ubl:/Invoice/TaxRepresentativeParty/PartyTaxScheme/CountrySubentity
Tax Representative	Tax Representative country	ubl:/Invoice/TaxRepresentativeParty/PartyName/PostalAddress/Country/IdentificationCode
Tax Representative	Tax Representative registration number	ubl:/Invoice/TaxRepresentativeParty/PartyTaxScheme/CompanyID
Invoice Header	Transaction Type(Use DVM)	ubl:/Invoice/cbc:InvoiceTypeCode
Invoice Header	Comments	ubl:/Invoice/PaymentMeans/InstructionNote
Invoice Header	Interface Header DFFs	Available for mapping
Invoice Header	Debit Authorization ID	ubl:/Invoice/PaymentMeans/PaymentMandate/ID
Invoice Line	LineNumber	ubl:/Invoice/cac:InvoiceLine/cbc:ID
Invoice Line	Description	ubl:/Invoice/cac:InvoiceLine/cbc:Note
Invoice Line	UnitOfMeasure	ubl:/Invoice/cac:InvoiceLine/cbc:InvoicedQuantity/@unitCode
Invoice Line	Quantity	ubl:/Invoice/cac:InvoiceLine/cbc:InvoicedQuantity
Invoice Header	CurrencyCode	ubl:/Invoice/cac:InvoiceLine/cbc:LineExtensionAmount/@currencyID
Invoice Line	LineAmount	ubl:/Invoice/cac:InvoiceLine/cbc:LineExtensionAmount
Sales Order	SalesOrder	ubl:/Invoice/cac:InvoiceLine/cac:OrderLineReference/cbc:LineID
Sales Order	SalesOrderLine	ubl:/Invoice/cac:InvoiceLine/cac:OrderLineReference/cbc:SalesOrderLineID
Sales Order	SalesOrder	ubl:/Invoice/cac:InvoiceLine/cac:DocumentReference/cbc:ID
Sales Order	SalesOrderDate	ubl:/Invoice/cac:InvoiceLine/cac:DocumentReference/cbc:IssueDate
Allowance /Charge	Description	ubl:/Invoice/cac:InvoiceLine/cac:AllowanceCharge/cbc:ID
Allowance /Charge	true or false	ubl:/Invoice/cac:InvoiceLine/cac:AllowanceCharge/cbc:ChargeIndicator
Allowance /Charge	LineNumber	ubl:/Invoice/cac:InvoiceLine/cac:AllowanceCharge/cbc:SequenceNumeric
Allowance /Charge	CurrencyCode	ubl:/Invoice/cac:InvoiceLine/cac:AllowanceCharge/cbc:Amount/@currencyID
Allowance /Charge	ChargeAmount	ubl:/Invoice/cac:InvoiceLine/cac:AllowanceCharge/cbc:Amount
Item	ItemDescription	ubl:/Invoice/cac:InvoiceLine/cac:Item/cbc:Description
Item	Description	ubl:/Invoice/cac:InvoiceLine/cac:Item/cbc:Name
Item	Item	ubl:/Invoice/cac:InvoiceLine/cac:Item/cac:StandardItemIdentification/cbc:ID

Item	TaxRateCode	ubl:Invoice/cac:InvoiceLine/cac:Item/cac:ClassifiedTaxCategory/cbc:ID
Item	TaxRate	ubl:Invoice/cac:InvoiceLine/cac:Item/cac:ClassifiedTaxCategory/cbc:Percent
Hard coded	VAT	ubl:Invoice/cac:InvoiceLine/cac:Item/cac:ClassifiedTaxCategory/cac:TaxScheme/cbc:ID
Invoice Line	TransferDocHeader/CurrencyCode	ubl:Invoice/cac:InvoiceLine/cac:Price/cbc:PriceAmount/@currencyID
Invoice Line	TransferDocLine/UnitSellingPrice	ubl:Invoice/cac:InvoiceLine/cac:Price/cbc:PriceAmount
Invoice Line Tax	TaxCode	ubl:Invoice/cac:invoiceline/cac:item/cac:ClassifiedTaxCategory/cbc:ID
Invoice Line Tax	TaxRate	ubl:Invoice/cac:invoiceline/cac:item/cac:ClassifiedTaxCategory/cbc:percent
Invoice Line	Invoice Line DFFs	Available for mapping
Invoice Line	LineType	Available for mapping
Invoice Line	CurrencyCode	Available for mapping
Invoice Line	ReferenceNumber	Available for mapping
Invoice Line	TransferDocSalesOrder	Available for mapping
Invoice Line	TransferDocPurchaseOrder	Available for mapping
Invoice Line	TransferDocTax	Available for mapping
Invoice Line	TransferDocLineExtAttr	Available for mapping
Invoice Line	PaymenttermStartDate	Available for mapping
Invoice Line	DueAmount	Available for mapping
Invoice Line	DiscountDate	Available for mapping
Invoice Line	DiscountAmount	Available for mapping
Invoice Line	PaymentSetId	Available for mapping
Invoice Line	PurchaseOrder	Available for mapping
Invoice Line	PurchaseOrderRevision	Available for mapping
Invoice Line	PurchaseOrderDate	Available for mapping
Remit To Address	CustomerAccountId	Available for mapping
Remit To Address	CustomerAccountSiteId	Available for mapping
Remit To Address	Address	Available for mapping
Remit To Address	State	Available for mapping
Remit To Address	Province	Available for mapping
Remit To Address	CompleteAddress	Available for mapping
Remit To Address	RemitToLocationId	Available for mapping
Invoice Line Tax	TaxName	Available for mapping
Invoice Line Tax	ExemptReasonCode	Available for mapping
Invoice Line Tax	ExemptReason	Available for mapping
Bill To/Ship To	All Customer site DFFs	Available for mapping
Item	Item Description	Available for mapping
Item	Product Category name	Ubl:/Invoice/InvoiceLine/Item/CommodityClassification/CommodityCode
item	Item number	ubl:/Invoice/InvoiceLine/Item/SellersItemIdentification/ID
item	Trading partner item description	Ubl:/Invoice/InvoiceLine/Item/BuyersItemIdentification/ID
Item	Product Category code	Available for mapping
Item	Product category description	Available for mapping

Item	Product Fiscal Classification code	Available for mapping
Item	Product Fiscal Classification description	Available for mapping
Item	Item DFFs	Available for mapping
Item	Trading partner item	Available for mapping
Item	Product Type	Available for mapping
Item	Tax classification code	Available for mapping
Item	Translated Description	Available for mapping
Item	Transaction Business Category	Available for mapping

GLOSSARY OF TERMS

- A **collaboration document** represents a business document exchanged with a specific Trading Partner Role. Each document can be represented in many external message types, and a specific message type has to be selected for exchange with the partner.
- An **external message type** is the representation of a collaboration document in a specific format (standard or custom) for exchange with the Trading partner (e.g.OAGIS 10.1, UBL 2.1 etc.).
- A **collaboration message definition** identifies a specific transformation (XSLT) applied between an Oracle Cloud Applications business object and an external message type, and some additional configuration information that is used for processing messages.
- A **Service Provider** is an intermediary involved in the transmission of messages between Oracle Cloud and Trading Partners.
- A **Trading Partner** is a supplier or customer with whom B2B messages are exchanged (also known as External Partner). Trading Partner is a single, consistent way of identifying the different application entities involved in B2B messaging. Within Oracle Cloud, there are different entities, such as customer, supplier etc., but they all represent Trading Partners from a B2B point of view.
- An **Application Partner** is a term used to identify a Cloud application entity, such as a supplier-site, customer or customer account, that has been configured for B2B messaging in CMK.
- A **Delivery Method** specifies how messages are transmitted electronically to the Trading Partner.
- An **outbound message** is a message sent to a Trading Partner using a specific delivery method.
- An **inbound message** is a message that was received from a Trading Partner.
- A **collaboration event** is a unique name for a business action that triggers an outbound collaboration document.
- **CMK- Collaboration Messaging Framework (CMK)** supports messaging with Trading Partners with or without Service Providers (e.g.; Oracle Business Network or any other network). In this model, the service provider acts as an intermediary between the Trading Partners and the Oracle Cloud customers. Once a Trading partner is on-boarded to a service provider network, the partner can exchange messages with Oracle Cloud.
- **OBN (Oracle Business Network)** is an open community for Oracle Cloud, E-Business Suite, and PeopleSoft customers to exchange business documents with their Trading Partners. It provides out-of-the-box connectivity for Oracle customers and easy connection options for Trading Partners.
- **DVM (Domain value map)** operates on actual data values that transit through the infrastructure at runtime. They enable you to map from one vocabulary used in a given domain to another vocabulary used in a different domain. For example, one domain may represent a city with a long name (Boston), while another domain may represent a city with a short name (BO). In such cases, you can directly map the values by using domain value maps.

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Technical Brief – UBL 2.1

Electronic Invoicing in Oracle Cloud Financials -Receivables

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