Oracle Fusion Cloud SCM

How do I set up Collaboration Messaging?

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1 Introduction

Who's the target user?

- Administrators and integration specialists responsible for setting up and maintaining Business to Business (B2B) and Application to Application communications.
- Procurement and supply chain teams who rely on the exchange of documents such as POs, invoices, and shipping notices.
- ERP application administrators using Oracle Fusion Cloud Applications.
- Business analysts managing B2B partner onboarding and monitoring transactional document flows.

What’s Collaboration Messaging?

It’s a framework that facilitates secure and automated electronic message exchange between Oracle Cloud applications and external trading partners such as suppliers, customers, or service providers using standardized B2B protocols.

2 Set Up and Configure

How do I configure parameters for Collaboration Messaging?

Here's how:

1. Select Collaboration Messaging Configuration from **Tools**.
2. On the Collaboration Messaging Configuration page, you can configure:
    a. Message storage and payload logging limits.
    b. Outbound settings such as Global Sender ID, Sender ID Type, attachment size, and in-process timing.
    c. The duration, interval, size thresholds, and query size for large PO delivery.
    d. Inbound payload size limits.
    e. The default messaging history date range.
    f. Automatic reprocessing window and interval.
    g. Maximum message size limits for delivery methods.

3 Messaging Connections

How do I create a direct provider?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Connections** action.
2. On the B2B Connections page, select the **Providers** tab.
3. Select **Add** to define a provider that you exchange B2B messages with.
    - Select **Direct** as the Provider Type and add the remaining details.
4. Select **Save** or **Submit**.

How do I create a user-defined provider?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Connections** action.
2. On the B2B Connections page, select the **Providers** tab.
3. Select **Add** to define a provider that you exchange B2B messages with.
    - Select **Service Provider** as the Provider Type and add the remaining details.
4. Select **Save** or **Submit**.

How do I add a new delivery method?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Connections** action.
2. On the B2B Connections page, select the **Delivery Methods** tab and select (+) to add a new delivery method.
3. Enter the name, type, and provider for the delivery method.
4. Select **Save** or **Submit**.

How do I create a connection for my documents?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Connections** action.

2. On the B2B Connections page, select the **Connections** tab and select (+) to add a new connection.
3. Enter the details and set the status to **Active**.
4. Select **Save** or **Submit**.

Note: Repeat this process to create connections for all your inbound and outbound documents.

4 Messaging Documents

How do I enable B2B documents?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Documents** action.
2. On the B2B Documents page, select the document you want to enable and select **Yes** from the Enabled drop-down list.
3. Select a document and then select **Configure Document Properties** to set any properties for messaging.

How do I assign connections to my outbound documents?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Documents** action.
2. On the B2B Documents page, select a document and select **Assign Connections**.
3. On the Assign Connections page, select a default connection for the document and enable it.
4. Select **Submit.**

Note:

1. You can't assign connections to inbound documents, but you must have active connections for each of your inbound documents.
2. On the Assign Connections page, you can assign a default connection, customer, or a supplier connection, depending on whichever is applicable to the selected document. You can also assign a content-based connection, provided it's available for the document.

5 Messaging Partners

How do I add supplier B2B properties for my documents?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Partners** action.
2. On the **Supplier B2B Properties** tab, select **Add.**
3. Enter the details on the **Add supplier B2B properties** drawer.
4. Select **Save**.

How do I add customer B2B properties for my documents?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Partners** action.
2. On the **Customer B2B Properties** tab, select **Add**.
3. Enter the details on the **Add customer B2B properties** drawer.
4. Select **Save**.

6 Messaging Account Numbers

How do I set up B2B Account numbers?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Account Numbers** action.
2. On the B2B Account Numbers page, select **Create**.
3. On the New B2B Account Number page:
   a. Enter B2B account number.
   b. Select a supplier, site, and procurement BU.
   c. Add one or more ship-to locations by selecting from the list of ship-to locations.
4. Select **Save**.

7 Message Definitions

How do I configure a message definition?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Message Definitions** action.

    > **Note:** You can search for collaboration message definitions by Document, Messaging Standard, Service Provider, or for message definitions that are user-defined.

2. On the B2B Message Definitions page, select **Add** to add a new collaboration message definition.
3. Select **More Actions** to Duplicate, Export Transformation Package, or Configure Email Properties for collaboration messages.

    > **Note:** The message definition name is suffixed with _CUST.

8 Messaging Cross-References

How do I add a new B2B cross-reference?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Documents** action.
2. On the B2B Documents page, select a document and select **Configure Cross-References**.
3. Select **Add** and enter the details.
4. Select **Save**.

How do I add qualifiers for a cross-reference?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Documents** action.
2. On the B2B Documents page, select a document and select **Configure Cross-References**.
3. Under the **Qualifiers** tab, enter Code, Name, and Level.
4. Under **Actions**, select **Create** to add your entries.
5. Enter the details and select **Save**.

How do I add attributes for a cross-reference?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Documents** action.
2. On the B2B Documents page, select a document and select **Configure Cross-References**.
3. Under the **Attributes** tab, enter Code, Name, and Level.
4. Under **Actions**, select **Create** to add your entries.
5. Select **Save** and **Submit** after you've added the details.

9 Messaging History

How do I view my messaging history?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Messages** action.
2. All B2B messages from the last 24 hours are displayed by default. You can filter the messages by:
    - Document
    - Provider
    - Status
    - Status Date
    - Error Type
    - Partner ID
    - Partner ID Type
    - Response Status
3. Here's what you can do with your messages:
    a. Select **Reprocess** to handle messages that weren't sent successfully. This increases the retry count for the message delivery.
    b. Select **Resubmit** to send a message that was successfully sent or received earlier. A new message ID is generated for the message.
    c. Select **Download Payloads** to fetch the original and transformed payload for a message. A .zip file with the naming convention MessageID_Payloads is downloaded with both the original and transformed payloads.
    d. Select **Delete** to remove records from when the duration or time period isn't in effect.
    e. Select **Cancel** for messages that weren't sent successfully so that no further action can be taken on them.
    f. Select **Refresh Status** to fetch the latest processing state of a message..
    g. Select **Terminate Processing** to stop in-process outbound POs from being processed.
    h. Select **View Collaboration Event** and **View Response Document** to view the details of the event.

How do I validate my messaging setup?

Here's how:

1. In the Collaboration Messaging work area, select the **B2B Messages** action.
2. From the **Actions** drop-down list, select **Validate Outbound Messaging** or **Validate Inbound Messaging** to validate your messaging setup.