



Lionbridge Connector for Veeva Vault

Installation and Configuration Guide

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1 Welcome to the Connector for Veeva Vault

Welcome to the Lionbridge Connector for Veeva Vault . This is the Connector between Veeva Vault and the Clay Tablet, which enables you to manage the translation lifecycle effectively in Veeva Vault. The Connector facilitates built-in review work-flows in which, the files or documents pass through a review workflow before and after the translation. The translations are done quick and easy with this Connector.

1.1 Terminology

Amazon AWS	Amazon Web Services. A suite of web application products developed and sold by Amazon.com. Clay Tablet uses various AWS offerings in order to leverage their infrastructure and build rich, dynamic solutions for its customers, specifically, the Clay Tablet Platform. For details, see http://aws.amazon.com .
Amazon S3	Amazon Simple Storage Service. For details, see: http://aws.amazon.com/s3/ . The Connector and the Clay Tablet Platform use Amazon S3 to provide temporary storage services for the content sent to and from translation.
Amazon SQS	Amazon Simple Queue Service. For details, see: http://aws.amazon.com/sqs/ . The Connector uses Amazon SQS to provide Message Queue Services.
Asset	Any content or document being sent for translation, including metadata. Assets are created by the Connector.
CloudBroker	Lionbridge's server application for hosting the Lionbridge Connector for Veeva Vault. As a SaaS (Software as a Service), Veeva Vault does not support installing the Lionbridge Connector or any other external applications on its server. Therefore, the Lionbridge Connector is hosted on the Lionbridge CloudBroker server.
Freeway	The name of the Lionbridge translation portal for submitting content to and retrieving content from the Lionbridge translation provider.
FTP Server	File Transfer Protocol (FTP) is a standard network protocol used to transfer files from one host to another host over a TCP-based network, such as the Internet. Translation providers may receive and send files for translation using an FTP server.
IaaS	Infrastructure as a Service. The Clay Tablet Platform is an IaaS, because it is a hosted platform.

Keys	The Connector uses keys to establish a secure, discrete connection between the Connector instance and the Platform. Very important: Do not use the same account keys on multiple instances, because this is a violation of the License Agreement. Using the same account keys on multiple Veeva Vault instances will cause the Connector to behave unexpectedly, which can result in lost translation content, orphaned projects, and inaccurate translation status reports. The Lionbridge Connector team will support technical issues caused by duplicating or incorrectly installing CMS address keys only on a time and materials basis.
Lionbridge	The publisher of the Freeway translation portal and a translation provider. Users connect to the Freeway translation portal to submit content to and retrieve content from the Lionbridge translation provider.
Lionbridge Connector for Veeva Vault (Connector)	The Connector software that Lionbridge has developed, which plugs into your Veeva Vault installation to provide connectivity to our hosted Platform. In this document it is referred to as the Connector. This is the software you are installing and configuring as you work through this document.
MT	Machine translation. The translation provider can be a machine translation service, such as Bing.
Producer	CMS or another system that sends content or documents out for translation. In this case, this is your Veeva Vault.
Provider	A provider of translation services. The delivery of assets to the provider may be via an FTP server or a TMS connector.
Support Asset	Supporting documents and their metadata. Support assets are not translated by the translation provider, but they provide helpful context for the translator.
TMS	Translation management system that the translation provider uses.

1.2 About the Content API

The Content API is the easiest, most flexible way to integrate content systems, including content management systems (CMSs) and other content producers, with translation providers and translation technologies.

1.3 How the Connector Works with Veeva Vault

The Lionbridge Connector (Connector) is an important part of the Lionbridge translation solution.

The Connector is installed on the Veeva Vault system. Its functionality is displayed to the users as part of Veeva Vault.



Your translation systems architecture might look like the configuration above. It may have additional content systems or translation providers, but the core concepts remain the same. If your translation provider is Lionbridge, it is accessed via the CloudBroker server.

During implementation, Lionbridge Connector Support works with you and your translation providers to configure and test the other elements of your translation solution, which are the connections to your translation providers' systems.

1.4 Using this Guide

Purpose of this guide

This guide describes everything you need to know to install and configure the Lionbridge Connector ("Connector") for Veeva Vault. It describes the delivery package contents, system requirements, installation instructions, and configuration procedures.

Recommendation: Review the user guide to fully understand the powerful features of the Connector.

Who should use this guide

This guide is intended for Veeva Vault administrators and system integrators.

What you should already know

This document assumes that your company already has an installed instance of Veeva Vault. It assumes that you have a strong working knowledge of Veeva Vault and its features.

If Lionbridge is your company's translation provider, it assumes that either Freeway or onDemand is already set up for your company.

How to find out more about the Lionbridge Connector for Veeva Vault

For information on using the Lionbridge Connector to send and receive content for translation from Veeva Vault, read the *Lionbridge Connector for Veeva Vault User Guide*.

Documentation conventions

This guide uses the following conventions:

Convention	Description
Bold	Highlights screen elements such as buttons, menu items, and fields.
Courier	Highlights input, file names, and paths.
<i>Italics</i>	Highlights terms for emphasis, variables, or document titles.
>	Indicates a menu choice. For example, "Select Admin Tools > Configuration ."

1.5 How to Contact Lionbridge Connector Support

Email @: connectors@lionbridge.com

You can submit a support ticket either:

- by email
- from the Lionbridge Connector Zendesk page, using your web browser:
<https://connectors.zendesk.com/>

1.5.1 Submitting a Support Ticket

1. Do one of the following:

- Email connectors@lionbridge.com, and cc (carbon copy) anyone to include in the ticket correspondence.

Important: Include the information and attachments in your email that are listed in the sub-sections below.

- Create a ticket in Zendesk:
 - a. Open the Lionbridge Connector Zendesk page in your browser: <https://connectors.zendesk.com/>.
 - b. Sign in to Zendesk.

Note: If you do not have sign-in credentials yet, then click either **Sign up** or **Get a password**, and follow the onscreen instructions.

Important: Include the information and attachments that are listed in the sub-sections below.

- c. Click **Submit a request**.
- d. In the **CCs** field, add anyone to include in the ticket correspondence.

Zendesk automatically creates a ticket and responds to everyone included in the cc field.

2. Everyone in the original cc receives updates unless they request to be removed from the ticket.

Important: Check your email spam folder (especially first-time Zendesk users) as sometimes email notifications from Zendesk are marked as spam.

When the issue is resolved, Lionbridge closes the ticket.

1.5.2 Information to Include in a Support Ticket

- client name
- CMS or content system name and version
- Connector or App version installed
- name of job for which the issue occurs
- date of job submission
- detailed description of the issue
- any error text—copy and paste, if applicable

Files to attach to the support ticket:

- CMS log files for the date the issue occurred
- Connector or App log files for the date the issue occurred
- screen capture of the issue

1.5.3 Viewing and Updating Your Support Ticket in Zendesk

Important: You must log into Zendesk to view your support tickets there.

1. Open the Lionbridge Connector Zendesk page in your browser: <https://connectors.zendesk.com>.

2. Enter your credentials, and click **Sign in**.

Sign in to Lionbridge Connectors

Email

Password

Stay signed in

Sign in

Your credentials will be sent over a secure connection

Cancel

Forgot my password

New to Lionbridge Connectors? [Sign up](#)

Have you emailed us? [Get a password](#)

If you've communicated with our support staff through email previously, you're already registered. You probably don't have a password yet, though.

Note: If you do not have sign-in credentials yet, then click either **Sign up** or **Get a password**, and follow the onscreen instructions.

3. After signing in, click **My activities** to view the tickets you opened or where you are cc'd.
4. To update tickets, you can reply or attach files.

For more information, refer to "Submitting and tracking support requests" in Zendesk's *Help Center guide for end-users*, at: <https://support.zendesk.com/hc/en-us/articles/203664386-Help-Center-guide-for-agents-and-end-users>.

Important: Zendesk refers to a *support ticket* as a *support request*. These terms are interchangeable.

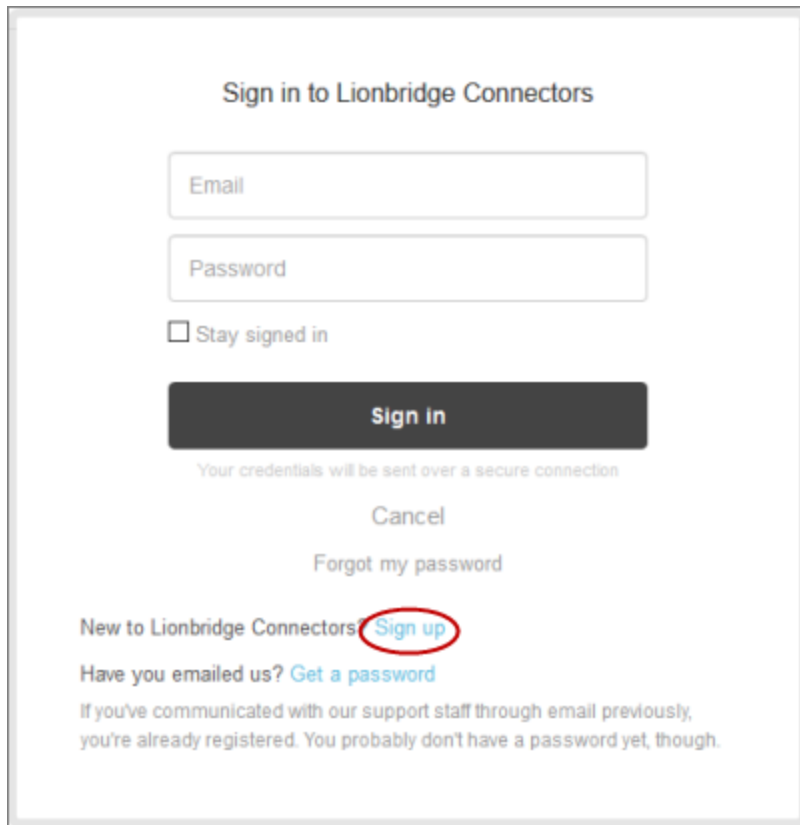
1.5.4 Signing Up for a Zendesk Account for Lionbridge Connectors

You can create a new Zendesk account for Lionbridge Connectors.

Note: If you have previously emailed Lionbridge Connectors Support at connectors@lionbridge.com to create a support ticket, you can get a password for your email account. For detailed instructions, see "How to Get a Password if You Have Previously Emailed Lionbridge Connectors."

To sign up for a Zendesk account:

1. Open the Lionbridge Connector Zendesk page in your browser: <https://connectors.zendesk.com>.
2. Click **Sign up** link.



Sign in to Lionbridge Connectors

Email

Password

Stay signed in

Sign in

Your credentials will be sent over a secure connection

Cancel

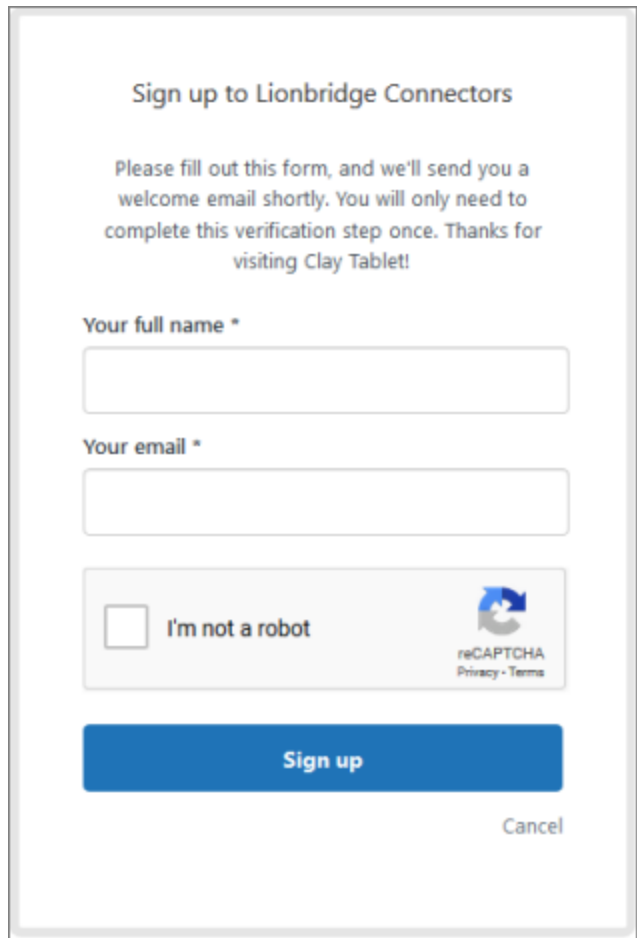
Forgot my password

New to Lionbridge Connectors [Sign up](#)

Have you emailed us? [Get a password](#)

If you've communicated with our support staff through email previously, you're already registered. You probably don't have a password yet, though.

The **Sign up** page opens.



The screenshot shows a sign-up form titled "Sign up to Lionbridge Connectors". The form includes a welcome message, two input fields for "Your full name *" and "Your email *", a reCAPTCHA "I'm not a robot" checkbox, a blue "Sign up" button, and a "Cancel" link.

3. Enter your name and email address, and select the **I'm not a robot** check box.
4. Click **Sign up**.

The **Sign-up complete** page opens. You will receive a verification email shortly with a verification link that enables you to sign in. If you do not receive an email within a few minutes, please check your junk or spam folder.

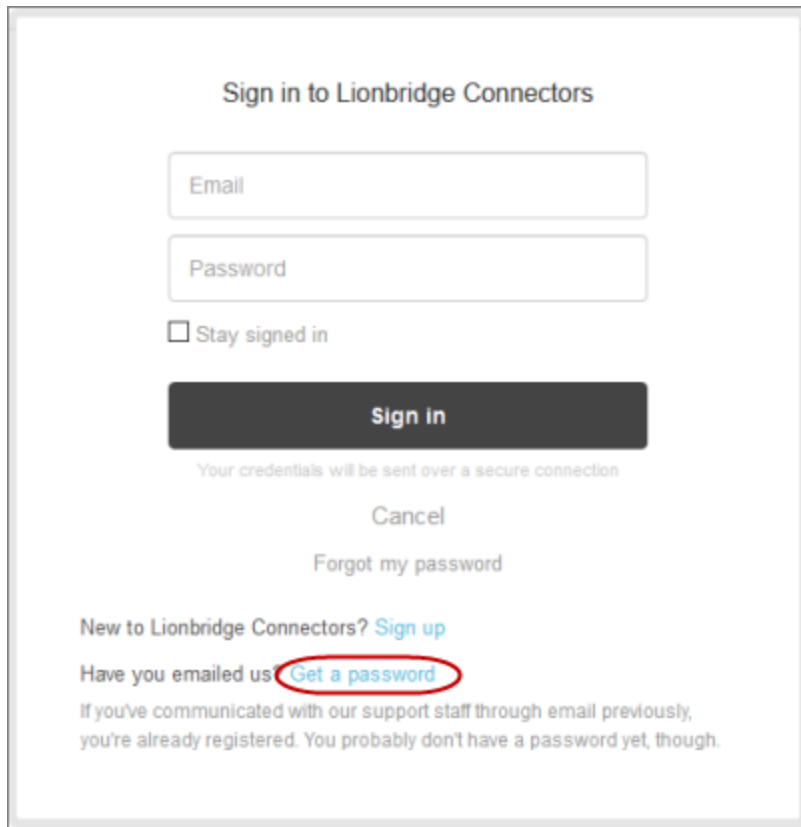
5. Click the link in the verification email to create a password and sign into Zendesk.

1.5.5 Getting a Zendesk Password if You Previously Emailed Lionbridge Connectors

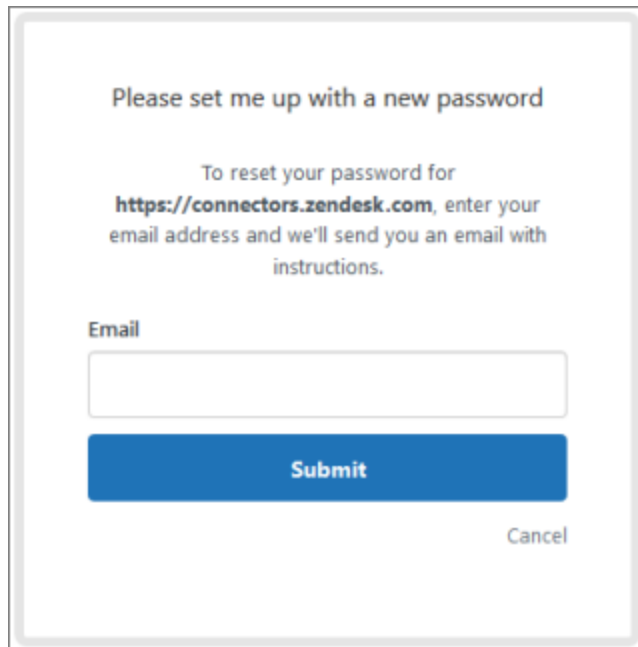
If you have previously emailed Lionbridge Connectors Support at connectors@lionbridge.com to create a support ticket, you can get a password for your email account.

To get a password:

1. Open the Lionbridge Connector Zendesk page in your browser: <https://connectors.zendesk.com>.
2. Click the **Get a password** link.



The **Please set me up with a new password** page opens.



Please set me up with a new password

To reset your password for <https://connectors.zendesk.com>, enter your email address and we'll send you an email with instructions.

Email

Submit

Cancel

3. Enter the email address from which you emailed Lionbridge Connectors Support (connectors@lionbridge.com).

4. Click **Submit**.

Zendesk sends you an email with instructions for creating your password.

5. Follow the instructions in the email from Zendesk to create your password.

You can now sign in to Zendesk to create, view and update your support tickets.

2 Before You Install

Before installing the Connector for Veeva Vault, ensure that the following tasks are completed:

- Make sure you receive the user name and password combination from the Lionbridge support team to allow you to configure **Site Configuration** at the end of your installation process.
- You must create a **Lionbridge Connector** as **Vault Owner** so that CloudBroker can access Vault API.
- Create a Veeva Vault owner account to get the complete Connector functionality and provide your owner account credentials to Lionbridge support for the Veeva Vault connection.
- Create a generic Integration account with the Vault Owner Security Profile. This account must not be a names account.
- Create Translation Administrator:
 - Go to **Admin > Users & Groups > Groups**.
 - Click **Create**.
 - Enter “Translation Administrators” as the label, and click **Save**.
- Create Translation Users Groups:
 - Go to **Admin > Users & Groups > Groups**.
 - To add Translation Users group, click **Create**.
 - Enter “Translation Users” as the label, and click **Save**.


3 Importing the Configuration Package

- Enable Inbound Packages in the Veeva Vault:
 - Go to **Admin > Settings > General Settings**.
 - Select **Allow Inbound Packages**.
- After enabling the Inbound Packages, you can see the **Deployment** tab. If you cannot see the tab, log out and log in again to see the tab.

To import the Veeva Vault Configuration Package (VPK) for the Lionbridge Connector:

1. Go to **Admin > Deployment > Inbound Packages**.

Note: You must name the VPK file in a specific way, as **LionbridgeVaultConnector_config_XXXX.vpk** (XXXX stands for connector version number).

2. Click **Import** and select the **Configuration VPK** from the file system.
An e-mail notification is sent upon the successful import of the VPK file.
3. Click the Name of the imported package.
4. Confirm that the Deployment Status is displayed as **Verified**.
5. Click the settings icon  and select **Review & Deploy**.
6. Click **Next**.
7. Click **Finish** to complete the import of VPK Configuration.
An e-mail notification is sent after the VPK import is completed.

Important: It is normal for some of the steps to be in the **Deployed with warnings** or **Skipped** status after deployment. However, if there are components in the **Error** status after deployment, please contact Lionbridge support.

4 Configuring the Lionbridge Connector Connection

To complete the connection configuration, perform the following:

- Create the connection
- Create the Translation Configuration Object Record

To create the connection:

1. Go to **Admin > Connections**.
2. Click **Create**.
3. Select **External** from the **Connection Type** drop-down.
4. Click **Continue**.
5. Enter the following fields with the exact details as below:
 - a. Name—**Lionbridge Translation Connector**
 - b. API Name—**lionbridge_translation_connector**
 - c. URL—For Staging environment, enter "<https://cloudbroker-staging.ctt.lionbridge.com/CloudBroker/plugins/vault>".
For Production environment, enter "<https://cb1-prod-na.ctt.lionbridge.com/CloudBroker/plugins/vault>".
6. Click **Save**.

With this, a new connection for the Connector is created and saved in the **Active** state.

To create the Translation Configuration Object Record:

1. Go to **Admin > Settings > General**.
Take a note of the Vault ID for future use.
2. Go to **Admin > Business Admin**.
3. Under Component, select **Translation Configuration**.
4. Click **Create**.
5. Enter the following with the exact details as below:
 - Name—**Vault ID**
 - Status—**Active**

- Vault ID—{Enter the Vault ID obtained}

6. Click **Save**.

With this, the Translation Configuration object record is created .

5 Importing the Code Package

To import the Veeva Vault Custom Configuration Package (VPK) for the Lionbridge Connector:

1. Go to **Admin > Deployment > Inbound Packages**.

Note: You must name the VPK file in a specific way, as **LionbridgeVaultConnector_code_xxxx.vpk** (xxxx stands for connector version number).

2. Click **Import** and select the **Custom VPK** from the file system.

An e-mail notification is sent upon the successful import of the Custom VPK file.

3. Click the Name of the imported custom package.

4. Confirm that the Deployment Status is displayed as **Imported**.

5. Click the settings icon  and select **Review & Deploy**.

6. Click **Next** in the **Review and Select Steps** screen.

7. Click **Finish** to complete the import of Custom VPK package.

An e-mail notification is sent after the Custom VPK package import is completed.

6 Configuring the Users and Administrators

Translation Users and Administrators can create and process the Translation Jobs. The Translation Users can see only the Translation Jobs created by them, where as the Admins can see and interact with all Translation Jobs in the system.

To configure the Translation User:

- Add the **Translation User Permission Set** to Security profiles that must have the Translation User permissions.
- Add users to the Translation Users group.
- (Optional) Set the Translation Users group to include the Translation User Profiles.

To configure the Translation Admin:

- Add the **Translation Admin Permission Set** to Security profiles that must have the Translation Admin permissions.
- Add appropriate users to the Translation Administrators group.
- (Optional) Set the Translation Administrators group to include the Translation Admin User Profiles.

You need separate installation package for PromoMats and MedComms

To configure the Translation Admin:

- Security setup is client-specific, but the following example works for a testing environment.
- Add "Translation User" permission set to "PromaMats User".
- Edit "Translation Users" Group to include Security Profile "Promats User".
- Edit "Translation Administrator" Group to include Security Profile "PromaMats User" and "System Administrator".

7 Configuring Sent for Translation User Action

Sent for Translation user action must be configured for each **Document Type** and **State** so that the user can send a single document out for translation directly from the document.

To configure the User Action:

1. Go to **Configuration > Document Lifecycles > {Desired Document LC}**.
2. Click the **States** tab.
3. Click the desired state(s) on which you would like to add the **Sent for Translation** action.
4. Click the **User Actions** tab.
5. Click the **Edit** button.
6. Click on **Add Action** to add the following User Action details:
 - Type—**Create Related Record**
 - Label—**Send for Translation**
 - Objects—**Translation Job**
 - Field to Default—**Source Document**
7. Click **Save** to complete the User Action configuration.
8. (Optional) To control user access to the User Actions, enable **Document Atomic Security**.
9. Repeat the above steps to configure for each document type and state where the user action is required.

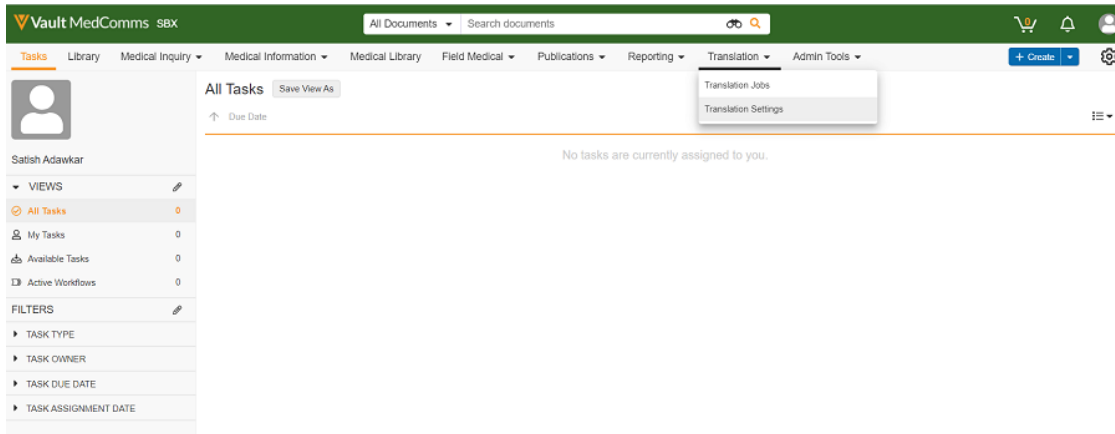
Note: After completing the Configuring the User Action, go to **Vault, Translation -> Translation Settings**, log in as your Vault site's admin (user account should be provided to you by Lionbridge)

8 Configure Translation Settings

Translation Settings can be configured in the following two scenarios:

Scenario 1: When Site Configuration is not set up, or not set up correctly:

1. Go to **Translation**, and select **Translation Settings**.



2. Click **Configuration Site**, and select **Veeva Vault** tab.

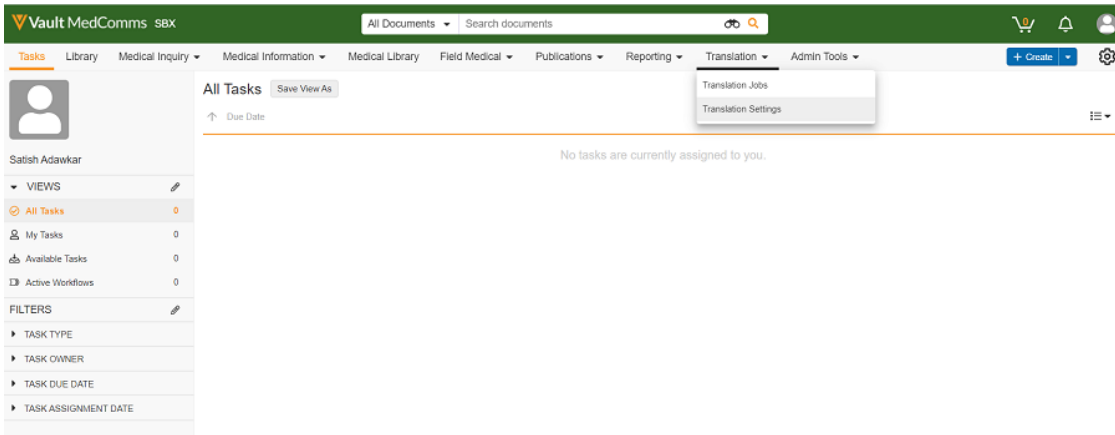
 A screenshot of the 'Site Configuration' page for 'LioxVaultDev'. At the top, the 'Site Name' is 'LioxVaultDev'. Below this are three tabs: 'Site', 'LSP', and 'UI'. The 'Veeva Vault' tab is selected and highlighted with a red border. Under the 'Authentication' section, there are four input fields: 'API URL' (https://vtechpartner-lionbridge-promomats01.veevavault.com/api/v20.3), 'API Username' (Lionbridge.Connector@vtechpartner-lionbridge.com), 'API Password' (masked with dots), and 'Vault ID' (73635). A 'Test' button is located to the right of the 'Vault ID' field. Under the 'Security' section, there is a 'Web Action' checkbox labeled 'Only accept web actions from Vault Server', which is checked.

3. Enter **API URL**, **API Username**, **API Password**, and **Vault ID**, and click **Test**

4. If the Test is passed, click **Save**.

Scenario 2: When **Site Configuration** is already set up:

1. Go to **Translation**, and select **Translation Settings**.



2. Click **Configuration Site**, and select **Veeva Vault** tab.

Site Name: **LioxVaultDev**

Site LSP UI **Veeva Vault**

Authentication

API URL

API Username

API Password

Vault ID

Security

Web Action Only accept web actions from Vault Server

3. Click **Test**.

Site Name: **LioxVaultDev**

Site LSP UI **Veeva Vault**

Authentication

API URL

API Username

API Password

Vault ID

[Vault] testing passed.

Security

Web Action Only accept web actions from Vault Server

4. If the Test is passed, click **Save**.

9 Appendix: Language Codes

The Connector has the following language codes:

Language Identifier	Language Code
Afrikaans (South Africa)	af-ZA
Albanian (Albania)	sq-AL
Alsatian (France)	gsw-FR
Amharic (Ethiopia)	am-ET
Arabic (Algeria)	ar-DZ
Arabic (Bahrain)	ar-BH
Arabic (Egypt)	ar-EG
Arabic (Iraq)	ar-IQ
Arabic (Jordan)	ar-JO
Arabic (Kuwait)	ar-KW
Arabic (Lebanon)	ar-LB
Arabic (Libya)	ar-LY
Arabic (Morocco)	ar-MA
Arabic (Oman)	ar-OM
Arabic (Qatar)	ar-QA
Arabic (Saudi Arabia)	ar-SA
Arabic (Syria)	ar-SY
Arabic (Tunisia)	ar-TN
Arabic (U.A.E.)	ar-AE
Arabic (Yemen)	ar-YE
Armenian (Armenia)	hy-AM

Language Identifier	Language Code
Assamese (India)	as-IN
Azeri (Cyrillic, Azerbaijan)	az-Cyrl-AZ
Azeri (Latin, Azerbaijan)	az-Latn-AZ
Bashkir (Russia)	ba-RU
Basque (Basque)	eu-ES
Belarusian (Belarus)	be-BY
Bengali (Bangladesh)	bn-BD
Bengali (India)	bn-IN
Bosnian (Cyrillic, Bosnia and Herzegovina)	bs-Cyrl-BA
Bosnian (Latin, Bosnia and Herzegovina)	bs-Latn-BA
Breton (France)	br-FR
Bulgarian (Bulgaria)	bg-BG
Catalan (Catalan)	ca-ES
Chinese (Simplified, P.R. China)	zh-CN
Chinese (Simplified, Singapore)	zh-SG
Chinese (Traditional, Hong Kong S.A.R.)	zh-HK
Chinese (Traditional, Macao S.A.R.)	zh-MO
Chinese (Traditional, Taiwan)	zh-TW
Corsican (France)	co-FR
Croatian (Croatia)	hr-HR
Croatian (Latin, Bosnia and Herzegovina)	hr-BA
Czech (Czech Republic)	cs-CZ
Danish (Denmark)	da-DK

Language Identifier	Language Code
Dari (Afghanistan)	prs-AF
Divehi (Maldives)	dv-MV
Dutch (Belgium)	nl-BE
Dutch (Netherlands)	nl-NL
English (Australia)	en-AU
English (Belize)	en-BZ
English (Canada)	en-CA
English (India)	en-IN
English (Ireland)	en-IE
English (Jamaica)	en-JM
English (Malaysia)	en-MY
English (New Zealand)	en-NZ
English (Philippines)	en-PH
English (Singapore)	en-SG
English (South Africa)	en-ZA
English (Trinidad and Tobago)	en-TT
English (United Kingdom)	en-GB
English (United States)	en-US
English (Zimbabwe)	en-ZW
Estonian (Estonia)	et-EE
Faroese (Faroe Islands)	fo-FO
Filipino (Philippines)	fil-PH
Finnish (Finland)	fi-FI

Language Identifier	Language Code
French (Belgium)	fr-BE
French (Canada)	fr-CA
French (France)	fr-FR
French (Luxembourg)	fr-LU
French (Monaco)	fr-MC
French (Switzerland)	fr-CH
Frisian (Netherlands)	fy-NL
Galician (Galician)	gl-ES
Georgian (Georgia)	ka-GE
German (Austria)	de-AT
German (Germany)	de-DE
German (Liechtenstein)	de-LI
German (Luxembourg)	de-LU
German (Switzerland)	de-CH
Greek (Greece)	el-GR
Greenlandic (Greenland)	kl-GL
Gujarati (India)	gu-IN
Hausa (Latin, Nigeria)	ha-Latn-NG
Hebrew (Israel)	he-IL
Hindi (India)	hi-IN
Hungarian (Hungary)	hu-HU
Icelandic (Iceland)	is-IS
Igbo (Nigeria)	ig-NG

Language Identifier	Language Code
Indonesian (Indonesia)	id-ID
Inuktitut (Latin, Canada)	iu-Latn-CA
Inuktitut (Syllabics, Canada)	iu-Cans-CA
Irish (Ireland)	ga-IE
isiXhosa (South Africa)	xh-ZA
isiZulu (South Africa)	zu-ZA
Italian (Italy)	it-IT
Italian (Switzerland)	it-CH
Japanese (Japan)	ja-JP
K'iche (Guatemala)	qut-GT
Kannada (India)	kn-IN
Kazakh (Kazakhstan)	kk-KZ
Khmer (Cambodia)	km-KH
Kinyarwanda (Rwanda)	rw-RW
Kiswahili (Kenya)	sw-KE
Konkani (India)	kok-IN
Korean (Korea)	ko-KR
Kyrgyz (Kyrgyzstan)	ky-KG
Lao (Lao P.D.R.)	lo-LA
Latvian (Latvia)	lv-LV
Lithuanian (Lithuania)	lt-LT
Lower Sorbian (Germany)	dsb-DE
Luxembourgish (Luxembourg)	lb-LU

Language Identifier	Language Code
Macedonian (Former Yugoslav Republic of Macedonia)	mk-MK
Malay (Brunei Darussalam)	ms-BN
Malay (Malaysia)	ms-MY
Malayalam (India)	ml-IN
Maltese (Malta)	mt-MT
Maori (New Zealand)	mi-NZ
Mapudungun (Chile)	arn-CL
Marathi (India)	mr-IN
Mohawk (Mohawk)	moh-CA
Mongolian (Cyrillic, Mongolia)	mn-MN
Mongolian (Mongolian, P.R.China)	mn-Mong-CN
Nepali (Nepal)	ne-NP
Norwegian, Nynorsk (Norway)	nn-NO
Norwegian (Norway)	nb-NO
Occitan (France)	oc-FR
Oriya (India)	or-IN
Pashto (Afghanistan)	ps-AF
Persian (Iran)	fa-IR
Polish (Poland)	pl-PL
Portuguese (Brazil)	pt-BR
Portuguese (Portugal)	pt-PT
Punjabi (India)	pa-IN
Quechua (Bolivia)	quz-BO

Language Identifier	Language Code
Quechua (Peru)	quz-PE
Quechua (Peru)	es-PE
Quechua (Quechua)	quz-EC
Romanian (Romania)	ro-RO
Romansh (Switzerland)	rm-CH
Russian (Russia)	ru-RU
Sami, Inari (Finland)	smn-FI
Sami, Lule (Norway)	smj-NO
Sami, Lule (Sweden)	smj-SE
Sami, Northern (Finland)	sv-FI
Sami, Northern (Norway)	se-NO
Sami, Northern (Sweden)	se-SE
Sami, Skolt (Finland)	sms-FI
Sami, Southern (Norway)	sma-NO
Sami, Southern (Sweden)	sma-SE
Sanskrit (India)	sa-IN
Scottish (United Kingdom)	gd-GB
Serbian (Cyrillic, Bosnia and Herzegovina)	sr-Cyrl-BA
Serbian (Cyrillic, Montenegro)	sr-Cyrl-ME
Serbian (Cyrillic, Serbia)	sr-Cyrl-RS
Serbian (Latin, Bosnia and Herzegovina)	sr-Latn-BA
Serbian (Latin, Montenegro)	sr-Latn-ME
Serbian (Latin, Serbia)	sr-Latn-RS

Language Identifier	Language Code
Serbian (Latin, Serbia and Montenegro)	sr-Latn-CS
Sesotho sa Leboa (South Africa)	nso-ZA
Setswana (South Africa)	tn-ZA
Sinhala (Sri Lanka)	si-LK
Slovak (Slovakia)	sk-SK
Slovenian (Slovenia)	sl-SI
Spanish (Argentina)	es-AR
Spanish (Bolivarian Republic of Venezuela)	es-VE
Spanish (Bolivia)	es-BO
Spanish (Chile)	es-CL
Spanish (Colombia)	es-CO
Spanish (Costa Rica)	es-CR
Spanish (Dominican Republic)	es-DO
Spanish (Ecuador)	es-EC
Spanish (El Salvador)	es-SV
Spanish (Guatemala)	es-GT
Spanish (Honduras)	es-HN
Spanish (Nicaragua)	es-NI
Spanish (Panama)	es-PA
Spanish (Paraguay)	es-PY
Spanish (Puerto Rico)	es-PR
Spanish (Spain)	es-ES
Spanish (United States)	es-US

Language Identifier	Language Code
Spanish (Uruguay)	es-UY
Swedish (Finland)	sv-FI
Swedish (Sweden)	sv-SE
Syriac (Syria)	syr-SY
Tajik (Cyrillic, Tajikistan)	tg-Cyrl-TJ
Tamazight (Latin, Algeria)	tzm-Latn-DZ
Tamil (India)	ta-IN
Tatar (Russia)	tt-RU
Telugu (India)	te-IN
Thai (Thailand)	th-TH
Tibetan (P.R.China)	bo-CN
Turkish (Turkey)	tr-TR
Turkmen (Turkmenistan)	tk-TM
Ukrainian (Ukraine)	uk-UA
Upper Sorbian (Germany)	hsb-DE
Urdu (Islamic Republic of Pakistan)	ur-PK
Uyghur (P.R.China)	ug-CN
Uzbek (Cyrillic, Uzbekistan)	uz-Cyrl-UZ
Uzbek (Latin, Uzbekistan)	uz-Latn-UZ
Vietnamese (Vietnam)	vi-VN
Welsh (United Kingdom)	cy-GB
Wolof (Senegal)	wo-SN
Yakut (Russia)	sah-RU

Language Identifier	Language Code
Yi (P.R.China)	ii-CN
Yoruba (Nigeria)	yo-NG

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