Veeva Network

Veeva Network 24R2.1.1 Release Notes

October 2024

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About these Release Notes

These Release Notes describe all features that are included in Veeva Network 24R2.1.

SUBSCRIBE TO RELEASE NOTIFICATIONS

You can receive email notifications about upcoming software releases and the supporting documentation.

Software releases and maintenance

- Veeva Trust Site

  At the top of the page, click **Subscribe to Veeva Trust Site** and subscribe to the Veeva Network component.

Release Notes and Data Governance documents

The documents are posted in the following locations:

- Veeva Connect - Join the Network Community.

  To be notified as soon as the Release Notes are posted, go to your Veeva Connect profile and click **Settings**. On the Email Frequency page, expand the list and choose **Immediate**. Other notification options are **Daily** and **Weekly**.

- Veeva Product Support Portal

  Follow the Network Release Notes section to be notified when release documents are posted.

For more information, see About Network Releases in the *Veeva Network Online Help*.

Browser requirements

Veeva Network is supported on the latest version of these browsers, as of their most stable version at the time of release:

- Google Chrome™
- Apple® Safari®
- Microsoft® Edge

Veeva Network is not supported on mobile devices.

Release Note updates

The following enhancement has been added since the Sandbox Release Notes were published:

- **Profile and DCR Widget** - Use the `wait-for-auto-approval` property so the widget will wait for a DCR to be auto-approved before returning the record to end users.

The following enhancement was added after the Early Release Notes were published:

- **Task source** - The Associated Tasks dialog is updated to include the Source System that submitted the task.

All material in the Release Notes should be reviewed to ensure that updates to existing topics are noted.

What's new

The following key enhancements comprise the Veeva Network 24R2.1 minor release.

		ST	DS	DM	AD
Announcements					
Symphony Health (SHA) ID	As of 24R3.0, the SHA ID field will no longer be managed by Veeva OpenData.			●	●
API Authentication update	As of 25R1.0, Network will no longer support submitting credentials in the URL parameters in the Authentication API call.	●	●	●	●
Profile and DCR Widget					
View auto-approved changes	Use the `wait-for-auto-approval` property so the widget will wait for a DCR to be auto-approved before returning the record to end users.	●	●	●	●
Profiles					
VID	VIDs remain on the collapsed summary header as you scroll through a record profile.	●	●	●	●
Field names	The field name displays for each field in the Field Help pane.	●	●	●	●
Data components					
Network widgets	Data components that display data from Veeva Vault are now supported on account profiles in the Network widgets.	●	●	●	●
Inbox					
Task Source	The source system that generated the task now displays in the **Associated Tasks** dialog.	●	●	●	●

		ST	DS	DM	AD
Suspect match					
Custom objects	Data Stewards can now select the field values that will survive on the winning record.			●	●
Merge prevention rules	Suspect match tasks now consider the field values defined in merge prevention rules.			●	●
Data Model					
Formatted name	A custom calculation has been added for the formatted_name__v field for Canada.			●	●
Data privacy					
Third party data	You must confirm that you are permitted to load third party data into Network.			●	●
Vault CRM Integration					
Create unverified records	Add requests can be immediately created as an unverified account in Vault CRM.			●	●
Validate bridge	Administrators and Data Managers can validate the bridge configuration to ensure that all required mappings are complete.			●	●
Users					
Last login time	Administrators can view the last login time from each user on the Users page.				●
Security					
Single sign-on	The default SSO icon is changed.				●

Note: The System and Data Admin user has all the capabilities of the System Administrator and Data Steward users. Features and enhancements that apply to those users also apply to the System and Data Admin user.

Data Governance - Specific updates for fields and reference data are provided in the *Veeva Network Data Governance* release notes for every minor and major Network release.

Announcements

Symphony Health (SHA) ID

Symphony Health (SHA) IDs will not be included in US OpenData updates as of January 1, 2025.

Starting in the Network 24R3.0 release, the `sha_id__v` field will change from being managed by US OpenData to being managed by customers. Data in the field will remain.

This change will be enabled by default in your Network instance.

More information is available in the *Veeva Connect* post: Updating SHA ID Changes in OpenData.

API Authentication update

As of the 25R1.0 release (January 2025), Network will no longer support submitting credentials in the URL parameters in the Authentication API call.

This update is being made to address security concerns. It was originally planned for Network 24R2.0 but has been extended to version 25R1.0.

Action

To gain access to your Network instance using the Network API, ensure that user names and passwords are submitted in the body of the POST request.

For details, see the Authentication topic in the *Veeva Network Developer Help*.

Profile and DCR widget

VIEW AUTO-APPROVED CHANGES

A new property can be added to the widget code to wait for a DCR to be auto-approved before returning the record to end users.

When DCRs are set to be auto-approved, there can be a short delay processing the changes after they are submitted through the Profile or DCR widget. To help end users see the expected updates, this property will insert a short delay for the DCR to be auto-approved before returning the record.

When this property is added to the widget code, the following behavior can occur within the set timeframe:

- DCR is auto-approved - The widget will return the latest record with the requested changes.
- DCR is not auto-approved - The widget will provide the latest record, but the requested changes may not yet be on the record.

Auto-approval property

```
wait-for-auto-approval="true"
```

Add this property to the widget code in the body in your HTML.

Example

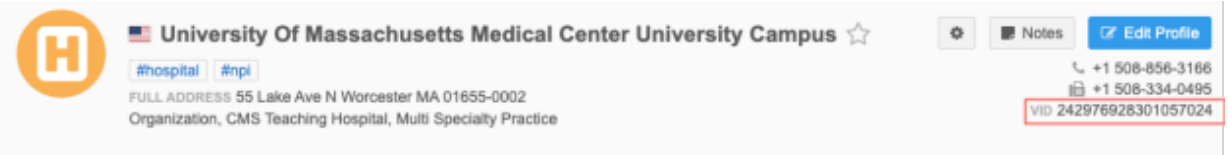
```
<veeva-network-profile-widget
    widget-name="ProfileWidget"
    auth-domain="my.veevanetwork.com"
    widget-id="MTAwMDI7OztwcM9maWxld2lkZ2V0X19j"
    closeable="true"
    hold-initialization="true"
    identifier="Network:HCP:214066274852930560"
    show-in-dialog="true"
    wait-for-auto-approval="true"
    demo-mode="true"
    username="john.smith@my.veevanetwork.com"
    password="12345">
</veeva-network-profile-widget>
```

This enhancement is not enabled by default. Developers must add the property to the widget code. It applies only when DCRs are set to be auto- approved.

Profiles

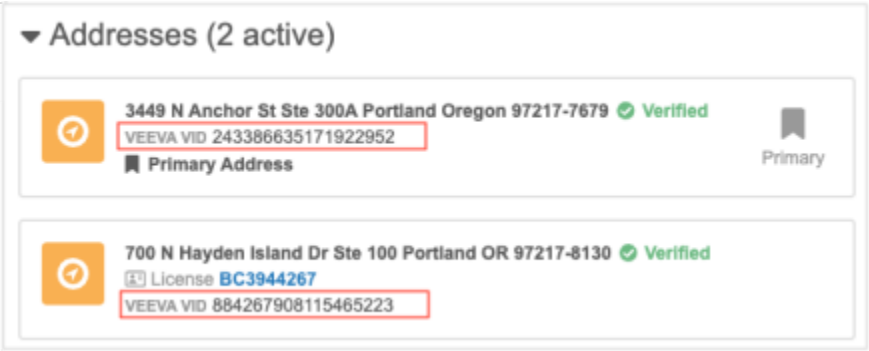
VIDs

The VID for the record now displays in the collapsed summary header as you scroll through the profile.



Sub-object cards

The VID displays on the summary card for each sub-object. This is helpful when you want to search (CTRL + F) for a specific object.



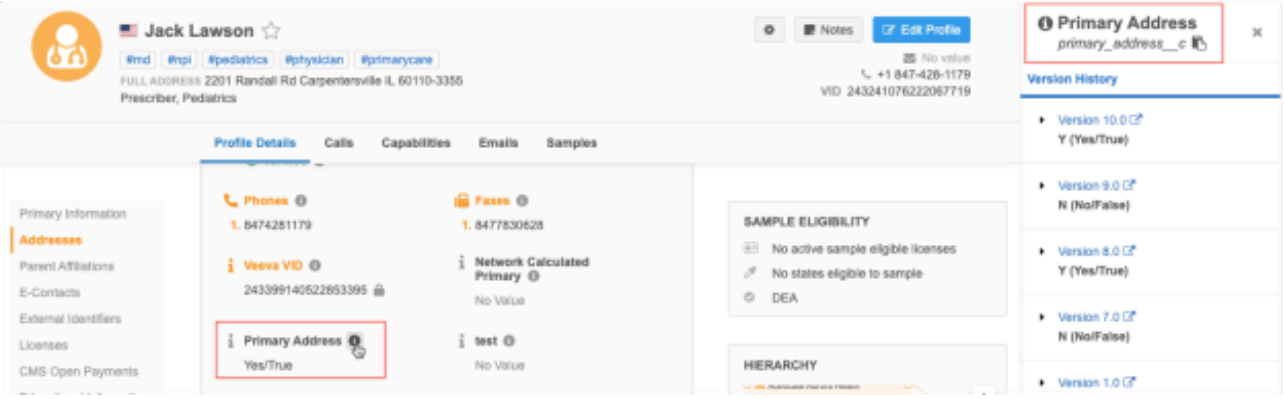
Enable this enhancement

- **Standard profile layouts** - The VID displays by default on summary headers and sub-object cards.
- **Custom profile layouts** - Administrators or Data Managers must add the VID fields to the summary header and each sub-object section on the layout.

FIELD NAMES

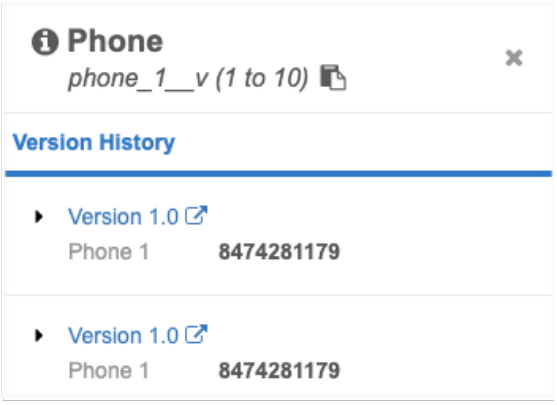
The field name now displays in the field **Help** pane. Administrators can use this information to identify a specific field when fields have similar labels.

To view the field name, click the **Info** icon beside the field label. The field name displays below the field label, for example, `primary_address__c`.



For field sets (for example, phones, faxes, and so on), the name of the first field in the set displays with the set number in parentheses.

Example: `phone_1__v (1 to 10)`



Copy the name

Click the **Copy** icon to copy the field API name so you can easily search for it in the Network data model.

This enhancement is enabled by default in your Network instance.

Data components

NETWORK WIDGET SUPPORT FOR VAULT DATA COMPONENTS

Vault data components are now supported for Network widgets. The data from Vault is dynamically retrieved and displayed for the account that you are viewing in the Network widget.

Adding Vault data components to widgets enables business users who do not have access to Network or Vault to view this external data.

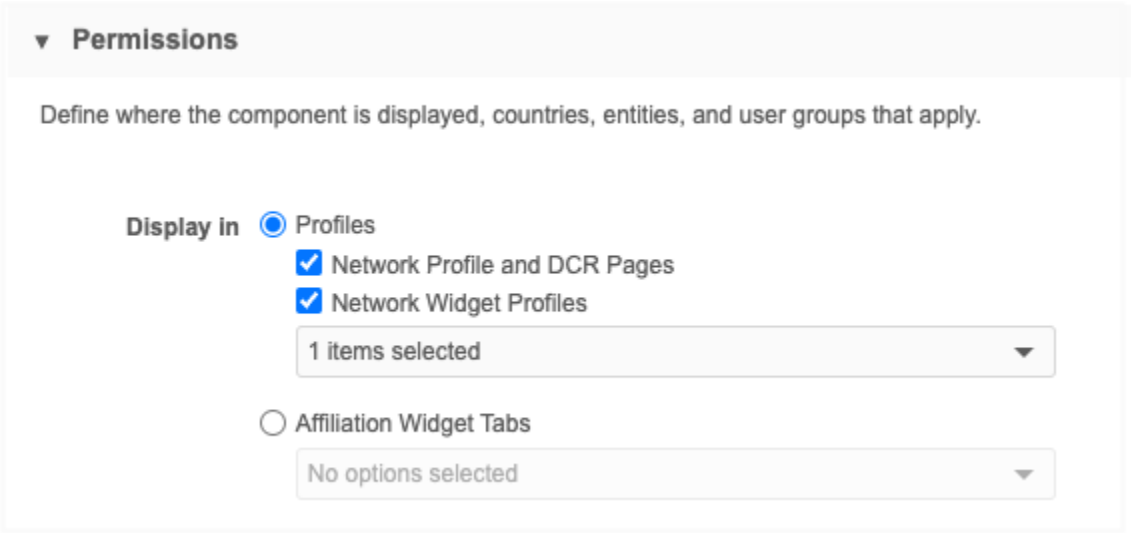
This enhancement is available by default in your Network instance.

Enable Vault data components on widgets

Administrators and Data Managers can update the Vault data component configuration so they display in specific Network widgets.

Supported widgets

- Search widget
- Profile/DCR widget
- Affiliation widget



To update a Vault data component:

1. In the Admin console, click **Widgets & Portal > Data Components**.
2. Open a data component that you have created to display Vault data.
3. In the **Permissions > Display in** section, specify where the components display.

    - **Profiles** - (Default) - Choose to display data components in the Network UI and/or on Network widget profiles.
        - **Network Profile and DCR pages** - The component will display in the Network UI on record profiles, on DCRs, and in search results (**View data** menu).
        - **Network Widget Profiles** - Display data components for HCP and HCO data on widgets.

          In the list, select the widgets that the data component should be applied to. The widgets are grouped by widget type.

          Widgets that are not enabled are dimmed in the list.

    - **Affiliation Widget Tabs** - Display on the tabs in the Affiliation widget. Choose this option if you want to display data for multiple accounts.
      If this option is selected, at least one widget must be selected.
4. Save your changes.

For more details, see Creating Vault data components in the *Veeva Network Online Help*.

Viewing vault data components on widgets

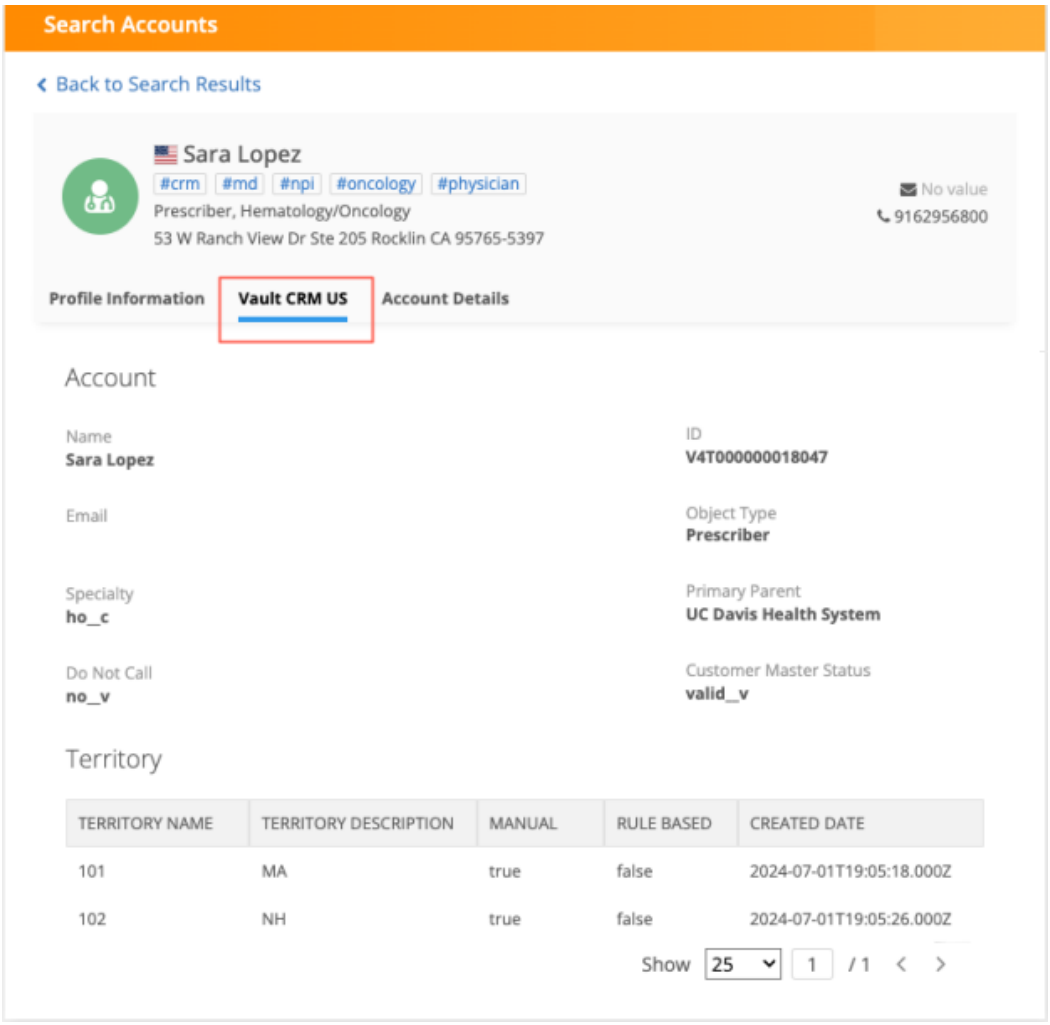
Search widget and Profile widget

Data components display in tabs at the top of record profiles. They are listed alphabetically after the **Profile Information** tab. The order cannot be changed.

The tabs display only if data components have been applied to this widget and they apply to the profile. For example, if a data component applies to HCPs only, it does not display on HCO accounts.

In the Search widget, data components display when users view a record profile from the search results.

Example - Search widget



Affiliation widget

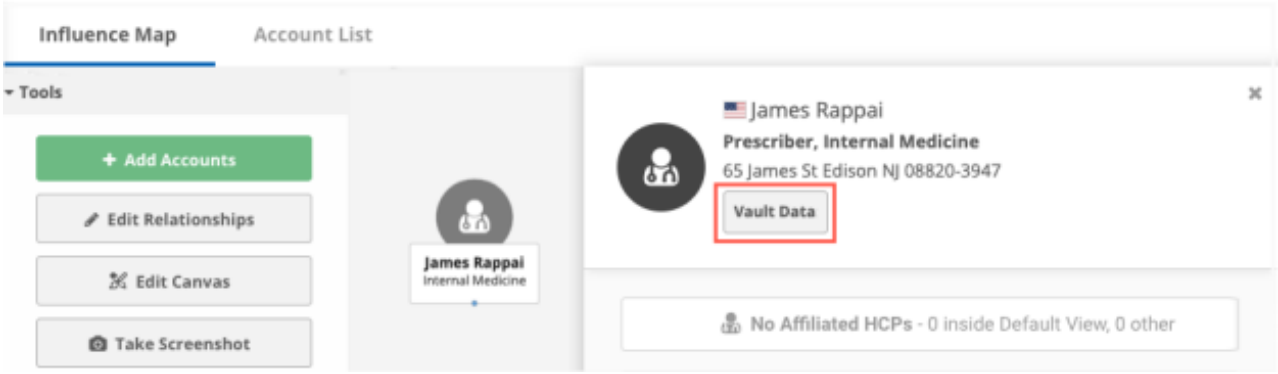
In the Affiliation widget, data components can display for a single record or for multiple records.

Single records

The **Data Components** button displays on the profile when you view an account. Administrators can customize the button name on the Data Component Settings page; for example, it might be called **Vault Data**.

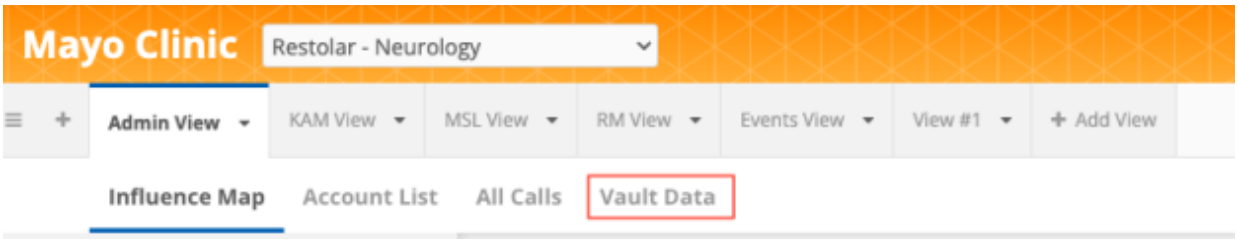
Click the button to display the data component dialog.

The button does not display if data components are not defined for the widget or do not apply to the profile.



Multiple records

Using tabs on the Influence Map, you can see the Vault data for all accounts that display on the view. For example, click the Vault data component to display recent calls for all HCPs.



SET VARIABLES

Administrators and Data Managers can use a variable in the VQL query to define a set of VIDs to query for a data component. Use variables for components that will display on Affiliation widget views.

The data component will display all the values from the set on the page it was opened on.

Set syntax

```
:qset(<Network field name>)
```

or

```
:set(<Network field name>)
```

Example VQL query

```
SELECT call_date__v, address__v, ship_to_address_text__v, call_type__v
 FROM call2__v
 WHERE account__vr.veeva_network_id__v CONTAINS :set(vid__v)
 ORDER BY call_date__v DESC
```

Set limits

A maximum of 150 VIDs can be returned for a set.

Inbox

TASK SOURCE

The source system that generated the task now displays in the **Associated Tasks** dialog. Data Stewards can use the details in the **Source System** column to prioritize tasks submitted by different sources.

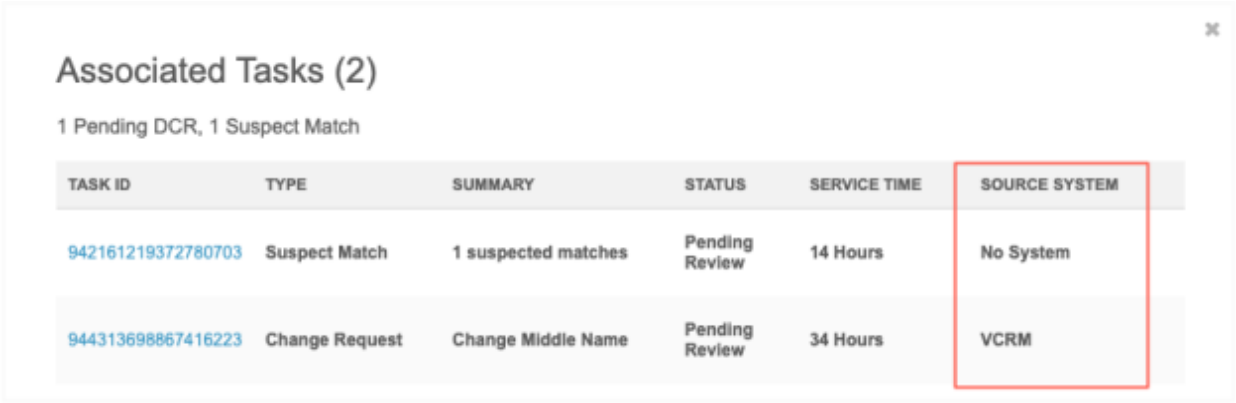
The **Associated Tasks** dialog is available on data change requests and record profiles.

Supported tasks

Source data is added for suspect match tasks, add requests, and change requests.

Example systems

- VCRM - The task was submitted from a downstream system associated to Veeva CRM.
- No System - The source that created the task did not have a defined system, or the DCR was created locally through the Network UI.



This enhancement is enabled by default in your Network instance.

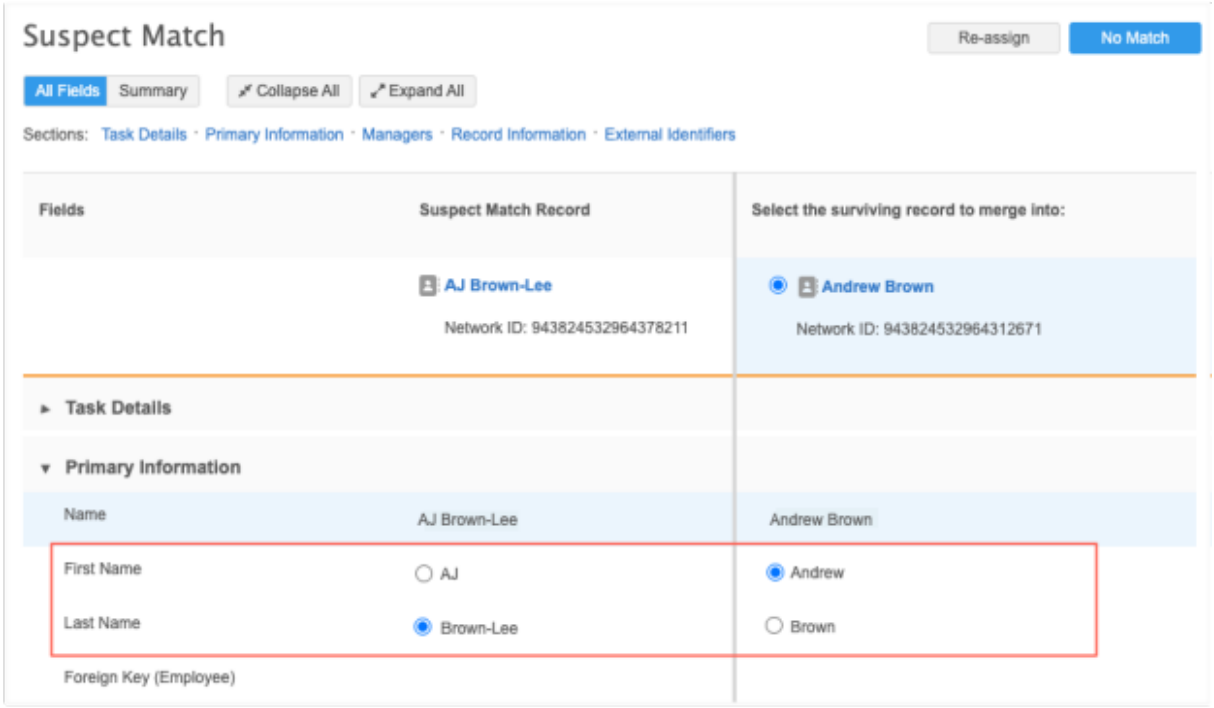
Suspect match

CUSTOM OBJECTS

Data Stewards can now select the field values that will survive on the winning record. Previously, when Data Stewards processed a suspect match, they could select the winning record only.

Example - Merging two Employee records

Field values can be selected on each record considered for the suspect match.

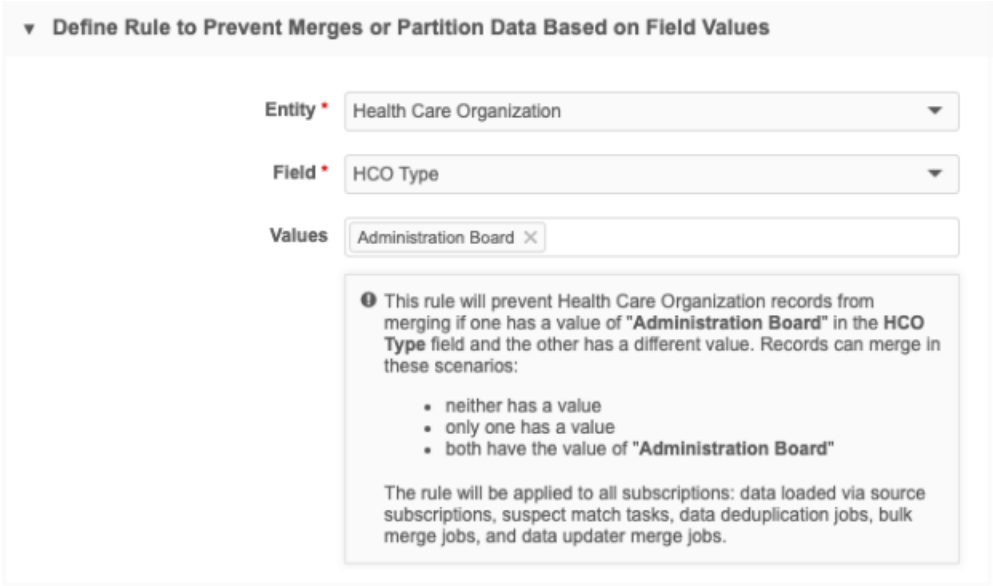


This enhancement is enabled by default in your Network instance.

MERGE PREVENTION RULES

Suspect match tasks now consider the field values defined in merge prevention rules. Previously, reference values could be defined, but the specific values were ignored; merges were prevented if the field on both records had *any* value and the values were different (even if those different values are allowed in the merge prevention rule).

A message displays below each rule to explain the merge prevention behavior.



For more details, see Merge prevention and data partitioning in the *Veeva Network Online Help*.

Data model

FORMATTED NAME

A custom calculation has been added for the `formatted_name__v` field for Canada. The formatted name uses values from several name fields to display a complete name for an HCP on the Profile page.

This enhancement is enabled by default in your Network instance.

Name calculation

HCP names for Canada are calculated using these Veeva fields in the following order:

```
<first_name__v> <middle _name__v> <last_name__v>
```

Previously, Canadian HCP names were formatted using the default logic:

```
<first_name__v> <last_name__v>
```

Data privacy

THIRD PARTY AGREEMENTS

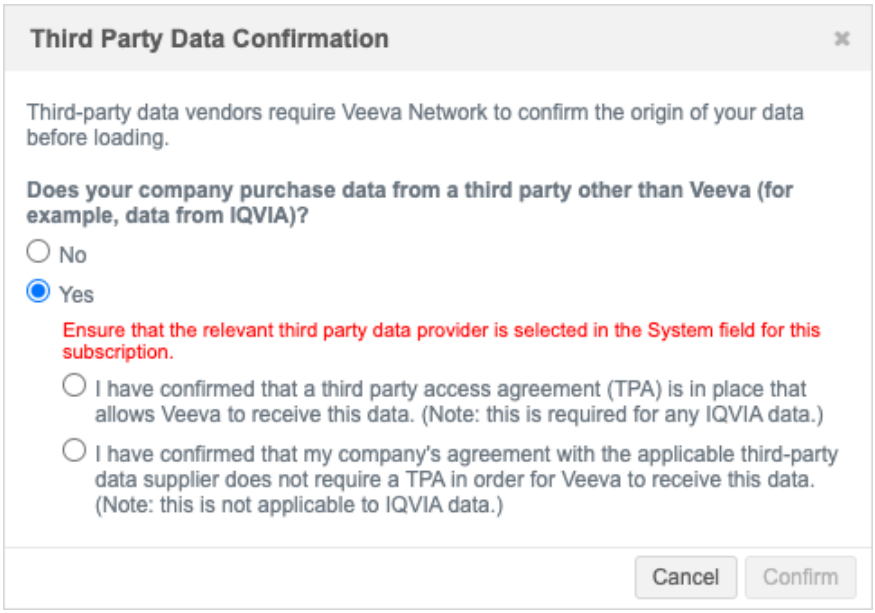
Before third party data can be loaded, you must confirm that you are permitted to load the data into Network. A third party agreement (TPA) might be required.

The existing TPA confirmation is updated to include two options when you note that third party data is being loaded.

Important: The TPA response is logged for audit purposes. For subscriptions, ensure that the correct third party system is selected in the System field.

Select the appropriate response:

- I have confirmed that a third party access agreement (TPA) is in place that allows Veeva to receive this data. (Note: this is required for any IQVIA data.)
- I have confirmed that my company's agreement with the applicable third-party data supplier does not require a TPA in order for Veeva to receive this data. (Note: this is not applicable to IQVIA data.)



The Third Party Data Confirmation displays when you load data into Network using the following features:

- Source subscriptions
- Data updater (Update job)
- Custom tables
- Lookup tables (Network Reports)
- File Explorer

This enhancement is enabled by default in your Network instance.

Audit

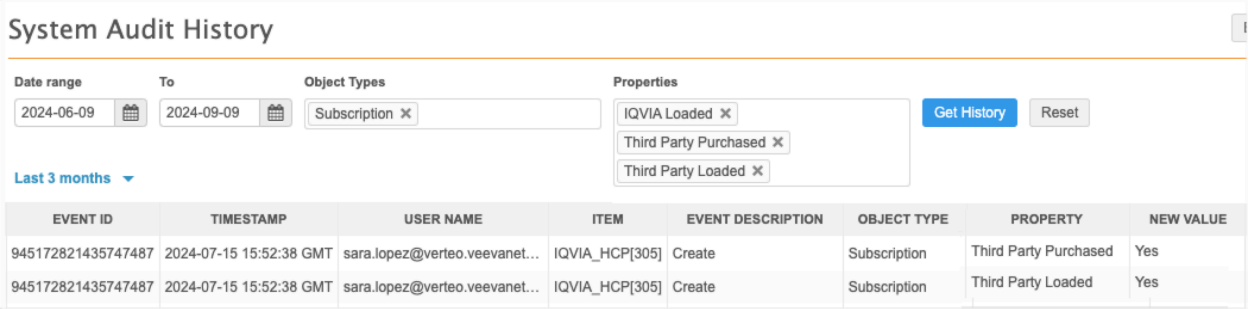
The TPA confirmation response is logged in the System Audit History (**Logs**).

Subscription logs

To quickly find the related log entries, filter the log using these settings:

- **Object Type**: Subscription
- **Property**:
  - Third Party Purchased
  - IQVIA Loaded
  - Third Party Loaded

Example



When users confirm that third party data is being loaded, the **Third Party Purchased** property is always logged with either the **IQVIA Loaded** or **Third Party Loaded** property.

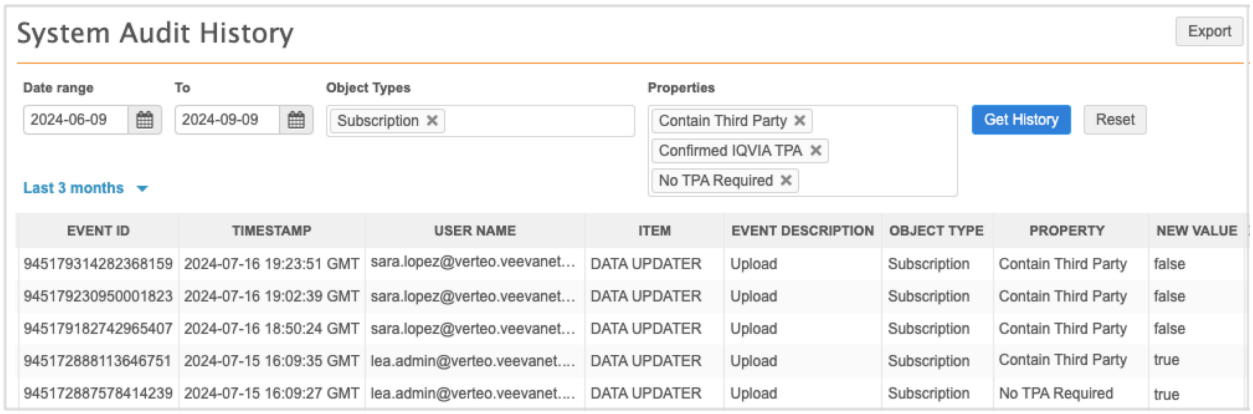
Audit Properties	**TPA Confirmation Questions**		
	Does your company purchase data from a third party other than Veeva (for example, data from IQVIA)?	I have confirmed that a third party access agreement (TPA) is in place that allows Veeva to receive this data. (Note: this is required for any IQVIA data.)	I have confirmed that my company's agreement with the applicable third-party data supplier does not require a TPA in order for Veeva to receive this data. (Note: this is not applicable to IQVIA data.)
Third Party Purchased	Yes		
IQVIA Loaded	Yes	Yes	
Third Party Loaded	Yes		Yes

Logs for Data Updater, lookup tables, and custom tables

To quickly find the related log entries, filter the log using these settings:

- **Object Type**: Subscription
- **Property**:
  - Contain Third Party
  - Confirmed IQVIA TPA
  - No TPA Required

Example



When users confirm that third party data is being loaded, the **Contain Third Party** property is always logged with either the **Confirmed IQVIA TPA** or **No TPA Required** property.

Audit Properties	**TPA Confirmation Questions**		
	Does your company purchase data from a third party other than Veeva (for example, data from IQVIA)?	I have confirmed that a third party access agreement (TPA) is in place that allows Veeva to receive this data. (Note: this is required for any IQVIA data.)	I have confirmed that my company's agreement with the applicable third-party data supplier does not require a TPA in order for Veeva to receive this data. (Note: this is not applicable to IQVIA data.)
Contain Third Party	Yes		
Confirmed IQVIA TPA	Yes	Yes	
No TPA Required	Yes		Yes

File Explorer

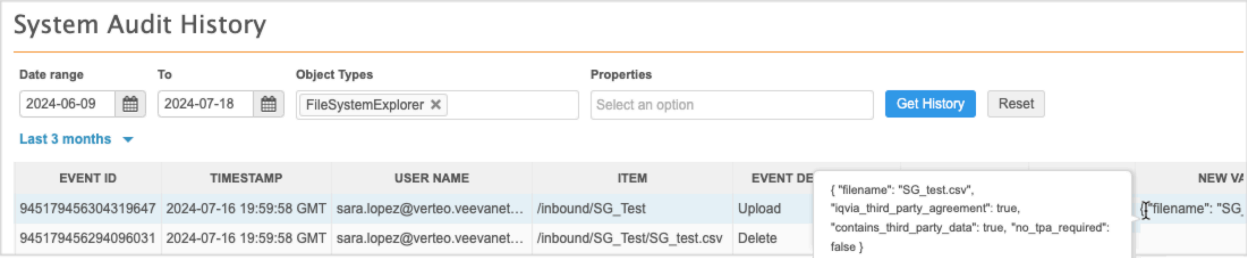
To quickly find the related log entries, filter the log using this setting:

- **Object Type**: FileSystemExplorer

Hover over the entry in the **New Value** column to view the following responses:

- **Contains Third Party Data**
- **IQVIA Third Party Agreement**
- **No TPA Required**

Example



When users confirm that third party data is being loaded, the **Contain Third Party** property is always logged with either the **Confirmed IQVIA TPA** or **No TPA Required** property.

If the TPA question is not selected when data is loaded, the property value is *false*.

Audit Properties	**Selected TPA Confirmation Questions**		
	Does your company purchase data from a third party other than Veeva (for example, data from IQVIA)?	I have confirmed that a third party access agreement (TPA) is in place that allows Veeva to receive this data. (Note: this is required for any IQVIA data.)	I have confirmed that my company's agreement with the applicable third-party data supplier does not require a TPA in order for Veeva to receive this data. (Note: this is not applicable to IQVIA data.)
Contain Third Party	true		
Confirmed IQVIA TPA	true	true	
No TPA Required	true		true

Vault CRM

SUPPORT FOR UNVERIFIED ACCOUNTS

When users submit an add request, the record can be immediately created as an unverified account in Vault CRM so users can quickly interact with and update the account while the DCR is sent to Network for processing.

Administrators must configure Vault CRM and Network to support unverified records.

Requirements

Settings must be enabled in Vault CRM and in Network to create unverified accounts.

Vault CRM

The following setting must be configured:

- **Data Change Request Mode** custom setting must be set to **2**.

For details, see Creating Unverified Records in the *Vault CRM Online Help.*

Network setting

- Enable the **Create Unverified** setting (**Settings > Workflow Settings**).

About the process

When the settings are configured, an add account request can immediately create records, including an unverified VID. The record is set to under_review__v state. When the record has been processed and approved in Network, the record state is updated.

This setting must be enabled for users to make changes to unverified records; otherwise, change requests are automatically rejected.

Supported objects

Unverified records can be created for all Vault CRM accounts:

- HCPs
- HCOs
- Addresses
- Child Accounts

Match and merge considerations

An unverified account can match to an existing account in Network and result in a merge (add request becomes a change request).

- If the winning account does not exist in Vault CRM, the losing account ID is updated to the winning account ID.
- If the winning account is in Vault CRM, the losing account will be merged to the winner in Vault.

Rejected add requests

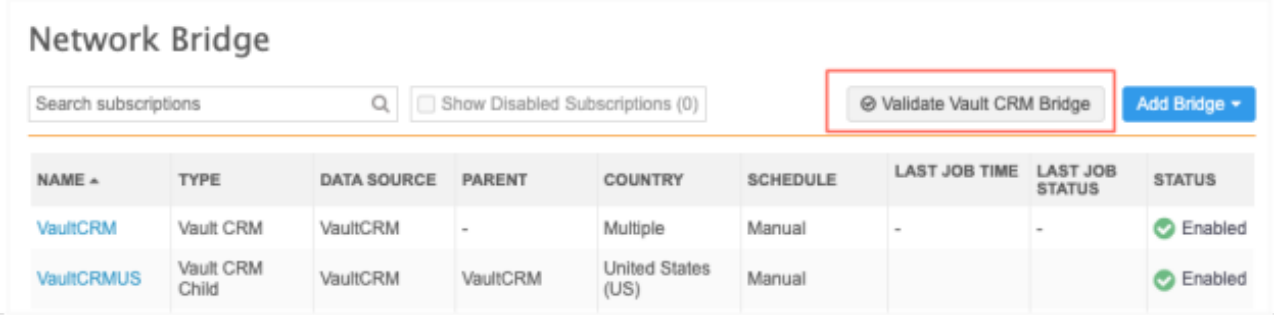
If the add request is rejected, the unverified account is deactivated and removed from the territory in Vault CRM.

VALIDATE THE VAULT CRM BRIDGE

Administrators and Data Managers can validate the Vault CRM bridge to ensure that it is properly configured with the required mappings.

The integration between Vault CRM and Network relies on mappings that are managed in CRM. If the mappings are not configured properly, there can be errors when the bridge attempts to upsert data to CRM and when processing data change requests. The validation helps to identify issues in your existing mappings and find any possible missing mappings.

The **Validate Vault CRM Bridge** feature creates a report that contains the configuration details and the mappings between Veeva Vault and Network. Use the report to identify and create any missing mappings. If issues are found, fix them and load the mappings into Vault CRM. Run the validation again to ensure that the bridge has no issues.



This enhancement is enabled by default in your Network instance.

About Vault CRM and Network mappings

Mappings are created in Vault CRM. There are four types of mappings that are required between Vault CRM and Network.

- **Network Mapping** - Maps the countries to the Network integration user.
- **Network Object Mapping** - Maps the Vault CRM Object API Name to the Network Object API Name
- **Network Field Mapping** - Maps the Vault CRM Field API Name to Network API Name
- **Network Reference Mapping** - Maps Network reference codes to Vault CRM picklist values.

For more information, see the Network Mapping Overview topic in the *Vault CRM Online Help*.

About the Bridge validation

During the bridge validation, the configuration and data is extracted from Vault CRM. The extracted data is compared to the Network configuration and identifies any invalid object, field, and reference mappings.

This validation includes what is currently done in Veeva CRM. This features enhances the validation by also identifying missing reference mappings. Missing reference mappings can cause records to fail to be upserted to Vault CRM.

All issues are noted in the file that is generated by the validation job. The **Validation Status** and **Validation Notes** fields on the mapping objects in Vault CRM will also be updated with the results of the validation (just as they are when using the Veeva CRM validation).

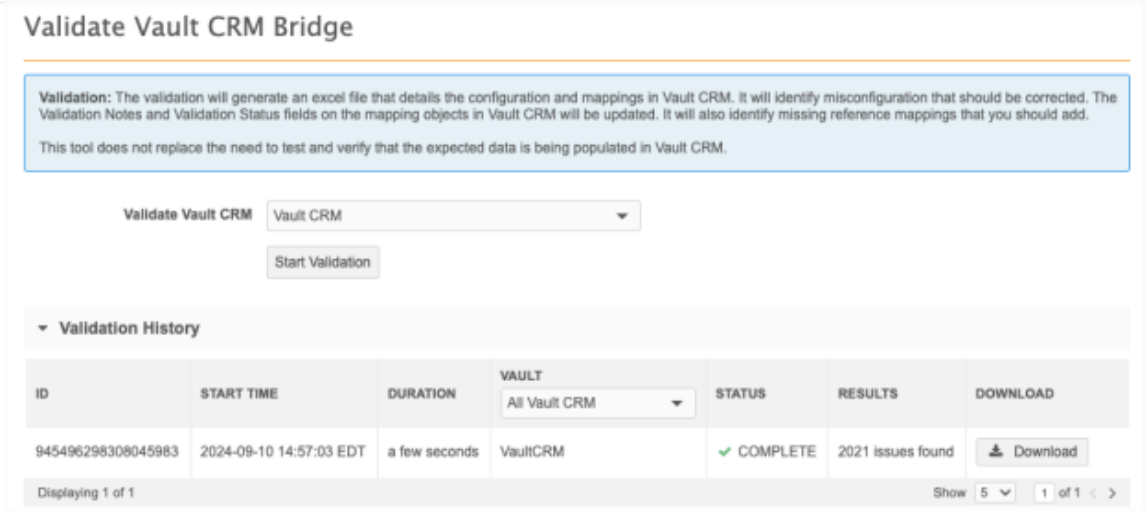
For details, see the *Review the validation file* section below.

Validate the Vault CRM bridge

To run the Vault CRM bridge validation:

1. On the Network Bridge page, click **Validate Vault CRM Bridge**.

   The button displays only if you have a Vault CRM Bridge configured in your Network instance.
2. Beside **Validate Vault CRM**, expand the list and select the external credential for the vault that you want to validate.
3. Click **Start Validation**.



4. If issues are found, a count displays in the **Results** column.
5. Click the **Download** button to download and view the .xlsx file that is created.

   A Microsoft Excel file is downloaded to your local computer with the following naming convention: bridge-validation_<*Vault_name*>_<*date*>_<*job ID*>

   For example: `bridge-validation_VaultCRM_2024-09-06_945473961016495263`
6. Review the file to see the issues.

Review the validation file

Use the Microsoft Excel to view any issues and recommendations. You can add or correct any reference mappings and then upload the updates to Vault CRM.

The file contains up to six sheets:

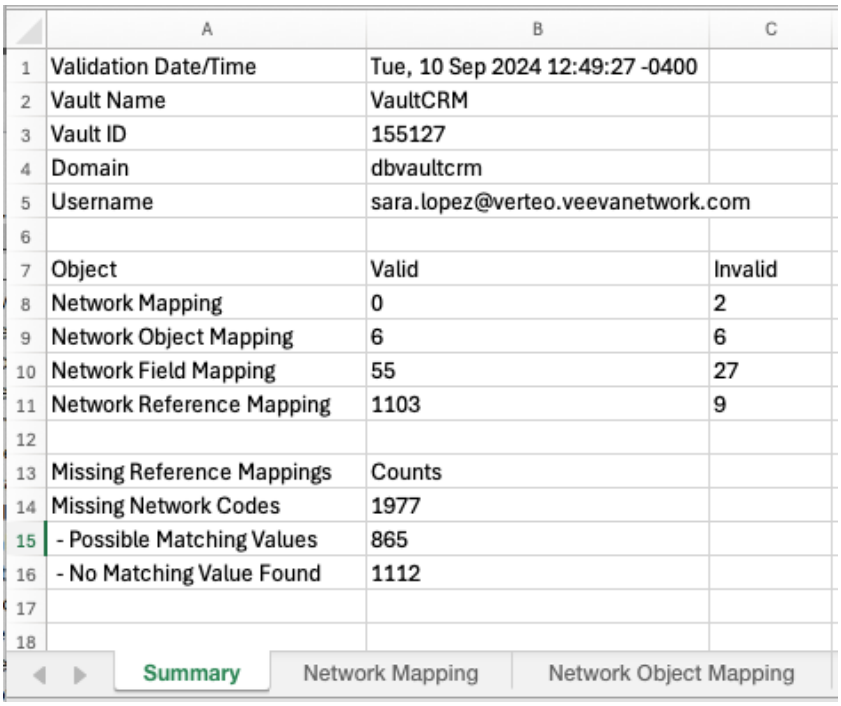
- Summary
- Network Mapping
- Network Object Mapping
- Network Field Mapping
- Network Reference Mapping
- Missing Network Ref. Mapping (included only if there are missing reference mappings)

Details about each sheet are in the sections below.

Summary

This sheet provides an overview of the Vault CRM validation details.

Example



	A	B	C
1	Validation Date/Time	Tue, 10 Sep 2024 12:49:27 -0400	
2	Vault Name	VaultCRM	
3	Vault ID	155127	
4	Domain	dbvaultcrm	
5	Username	sara.lopez@verteo.veevanetwork.com	
6			
7	Object	Valid	Invalid
8	Network Mapping	0	2
9	Network Object Mapping	6	6
10	Network Field Mapping	55	27
11	Network Reference Mapping	1103	9
12			
13	Missing Reference Mappings	Counts	
14	Missing Network Codes	1977	
15	- Possible Matching Values	865	
16	- No Matching Value Found	1112	
17			
18			

Summary | Network Mapping | Network Object Mapping

The sheet contains the following details.

Header	Details
Validation Date/Time	The time that the Bridge validation occurred. The time displays in the user's timezone (My Profile).
Vault Name	The name of the Vault mapped to this Vault CRM bridge.
Vault ID	The ID of the Vault mapped to this Vault CRM bridge.
Domain	The domain name of the Vault
Username	The name of the Vault integration user.
Object	**Valid / Invalid** (Count of mapping records that are Valid or Invalid)
Network Mapping (summary of data from the network_mapping__v object)	
Network Object Mapping (summary of data from the network__object_mapping__v object)	
Network Field Mapping (summary of data from the network__field_mapping__v object)	
Network Reference Mapping (summary of data from the network__reference_mapping__v object)	

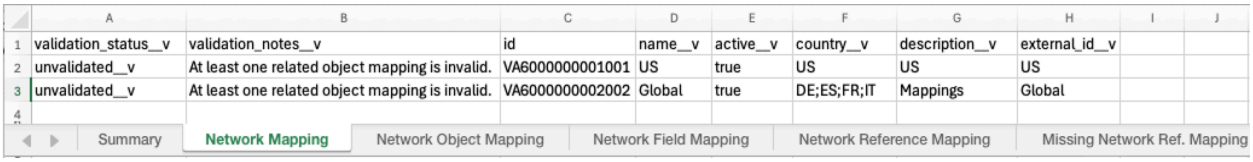
Missing Reference Mapping	Counts (Network codes missing from the Network Reference Mappings)
Missing Network Codes (Total count of the missing Network codes)	
- Possible Matching Values (Missing Network codes with possible matching values)	
- No Matching Value Found (Missing Network codes with no matching value)	

Network mapping

This sheet contains the extracted data from the Vault CRM **network_mapping__v** object. For more information about the fields and data, see Network Mapping in the *Vault CRM Online Help*.

The job checks that the Network integration user has access to the countries that are mapped to Vault CRM.

Use the **validation_status__v** and **validation_notes__v** columns to see the issues.



	A	B	C	D	E	F	G	H	I	J
1	validation_status__v	validation_notes__v	id	name__v	active__v	country__v	description__v	external_id__v		
2	unvalidated__v	At least one related object mapping is invalid.	VA6000000001001	US	true	US	US	US		
3	unvalidated__v	At least one related object mapping is invalid.	VA6000000002002	Global	true	DE;ES;FR;IT	Mappings	Global		
4										

Summary | Network Mapping | Network Object Mapping | Network Field Mapping | Network Reference Mapping | Missing Network Ref. Mapping

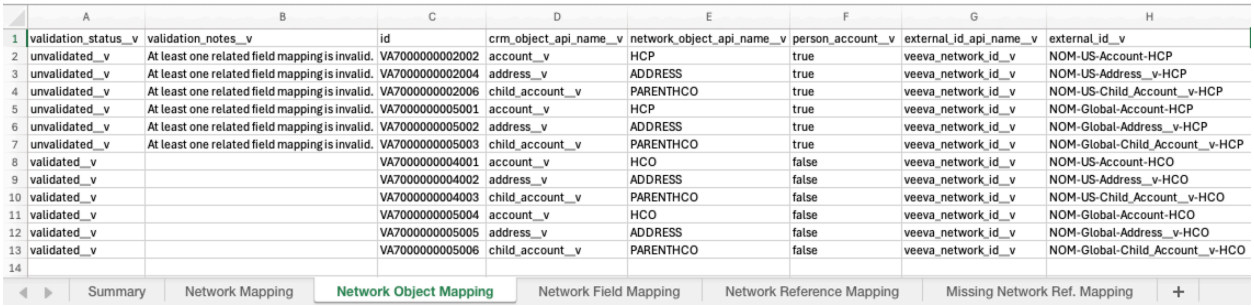
Example issue:

Issue	Details
At least one related object mapping is invalid	One of the related network object mapping records for this mapping is not valid.
Missing data visibility profiles	The Network Integration user does not have a Data Visibility Profile assigned for at least one of the countries specified in this mapping.

Network object mapping

This sheet contains data extracted from the Vault CRM **network_object_mapping__v** object. For details, see Network Object Mapping in the *Vault CRM Online Help*.

The job validates that CRM Object API Name and Network Object API Name fields have the correct objects and that they are properly mapped.



	A	B	C	D	E	F	G	H
1	validation_status__v	validation_notes__v	id	crm_object_api_name__v	network_object_api_name__v	person_account__v	external_id_api_name__v	external_id__v
2	unvalidated__v	At least one related field mapping is invalid.	VA7000000002002	account__v	HCP	true	veeva_network_id__v	NOM-US-Account-HCP
3	unvalidated__v	At least one related field mapping is invalid.	VA7000000002004	address__v	ADDRESS	true	veeva_network_id__v	NOM-US-Address__v-HCP
4	unvalidated__v	At least one related field mapping is invalid.	VA7000000002006	child_account__v	PARENTHCO	true	veeva_network_id__v	NOM-US-Child_Account__v-HCP
5	unvalidated__v	At least one related field mapping is invalid.	VA7000000005001	account__v	HCP	true	veeva_network_id__v	NOM-Global-Account-HCP
6	unvalidated__v	At least one related field mapping is invalid.	VA7000000005002	address__v	ADDRESS	true	veeva_network_id__v	NOM-Global-Address__v-HCP
7	unvalidated__v	At least one related field mapping is invalid.	VA7000000005003	child_account__v	PARENTHCO	true	veeva_network_id__v	NOM-Global-Child_Account__v-HCP
8	validated__v		VA7000000004001	account__v	HCO	false	veeva_network_id__v	NOM-US-Account-HCO
9	validated__v		VA7000000004002	address__v	ADDRESS	false	veeva_network_id__v	NOM-US-Address__v-HCO
10	validated__v		VA7000000004003	child_account__v	PARENTHCO	false	veeva_network_id__v	NOM-US-Child_Account__v-HCO
11	validated__v		VA7000000005004	account__v	HCO	false	veeva_network_id__v	NOM-Global-Account-HCO
12	validated__v		VA7000000005005	address__v	ADDRESS	false	veeva_network_id__v	NOM-Global-Address__v-HCO
13	validated__v		VA7000000005006	child_account__v	PARENTHCO	false	veeva_network_id__v	NOM-Global-Child_Account__v-HCO
14								

Summary | Network Mapping | Network Object Mapping | Network Field Mapping | Network Reference Mapping | Missing Network Ref. Mapping | +

Example issues:

Issue	Details
At least one related field mapping is invalid	One of the related Network field mapping records for this mapping is not valid.
Network object <network_object_api_name__v> does not exist or is not supported	The network_object_api_name__v field is not populated with any of the following values: HCP, HCO, Address, or ParentHCO.
Network object <network_object_api_name__v> does not exist or is not supported	The network_object_api_name__v field is not populated with any of the following values: HCP, HCO, Address, or ParentHCO.
CRM object <crm_object_api_name__v> does not exist or is not supported	The crm_object_api_name__v field is not populated with any of the following values: account__v, address__v, or child_account__v.
External ID field {crm_field_api_name__v} does not exist on CRM object	The external_id_api_name__v field is not populated with a field that exists on the CRM object specified in crm_object_api_name__v.

Network Field Mapping

This sheet contains data extracted from the Vault CRM **network_field_mapping__v** object. For details, see Network Field Mapping in the *Vault CRM Online Help*.

It displays the fields that are mapped from the Vault CRM objects (account__v, address__v, or child_account__v) to fields on Network objects (HCP, HCO, ADDRESS, PARENTHCO).

validation_status__v	validation_notes__v	id	object_type__v.api_name__v	crm_field_api_name__v	network_field_api_name__v
unvalidated__v	At least one missing reference mapping.	VA800000000F054	picklist__v	country__v	country__v
unvalidated__v	At least one missing reference mapping.	VA800000000F034	picklist__v	credentials__v	medical_degree_1__v
unvalidated__v	At least one missing reference mapping.	VA800000000F035	picklist__v	vpro_medical_degree_2__c	medical_degree_2__v
unvalidated__v	At least one missing reference mapping.	VA800000000F029	picklist__v	specialty_2__v	specialty_2__v
unvalidated__v	At least one related reference mapping is invalid.	VA800000000F006	picklist__v	vpro_address_status__c	address_status__v
unvalidated__v	At least one related reference mapping is invalid.	VA800000000F024	picklist__v	vpro_hcp_status__c	hcp_status__v
unvalidated__v	At least one related reference mapping is invalid.	VA800000000F040	picklist__v	vpro_relationship_status__c	parent_hco_status__v
unvalidated__v	Field latitude_cda__v2 does not exist on CRM object	VA800000000F028	name__v	latitude_cda__v2	latitude__v
unvalidated__v	Field latitude_cda__v2 does not exist on CRM object	VA800000000F013	name__v	latitude_cda__v2	latitude__v
unvalidated__v	Field npi_num__v does not exist on Network object	VA800000000F019	name__v	npi__v	npi_num__v
unvalidated__v	Field z_Primary_Address_UniqueCheckbox_1__c does not exist on Network object	VA800000000F050	boolean__v	primary_cda__v	z_Primary_Address_UniqueCheckbox_1__c
unvalidated__v	Field z_Primary_Affiliation_UniqueCheckbox__c does not exist on Network object	VA800000000F026	boolean__v	network_primary__v	z_Primary_Affiliation_UniqueCheckbox__c
unvalidated__v	Incorrect field mapping type (picklist__v) for combination of Network field of type (STRING) and CRM field of type (String).	VA800000000F001	picklist__v	fax_cda__v	fax_1__v
unvalidated__v	Incorrect field mapping type (picklist__v) for combination of Network field of type (STRING) and CRM field of type (String).	VA800000000F043	picklist__v	fax_cda__v	fax_1__v

Summary | Network Mapping | Network Object Mapping | Network Field Mapping | Network Reference Mapping | Missing Network Ref. Mapping

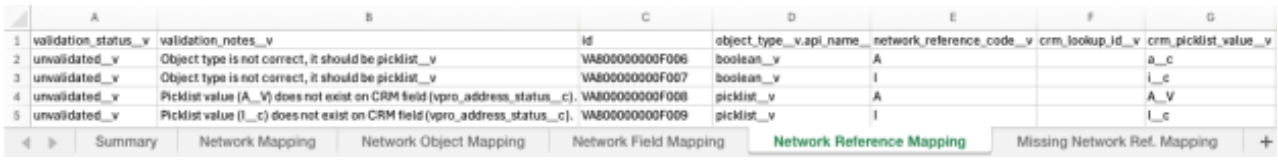
Example issues:

Issue	Details
Field <*network_field_api_name__v*> does not exist on Network object	The field in the **network_field_api_name__v** column does not exist or is not active for at least one of the countries in the mapping.
Field <*crm_field_api_name__v*> does not exist on CRM object	The field in the **crm_field_api_name__v** column does not exist in Vault CRM.
Incorrect field mapping type (<*0*>) for combination of Network field of type (<*1*>) and CRM field of type (<*2*>)	The data types of the Vault CRM and Network fields are incompatible.
At least one missing reference mapping	An active Network reference code is not properly mapped.
At least one related reference mapping is invalid	An active Network reference code is not properly mapped.

Network Reference Mapping

This sheet contains data extracted from the Vault CRM **network_reference_mapping__v** object. For details about the data, see Network Reference Mapping in the *Vault CRM Online Help*.

The validation job ensures that the Network reference codes are correctly mapped to Vault CRM picklist values and also checks for missing mappings.



	A	B	C	D	E	F	G
1	validation_status__v	validation_notes__v	id	object_type__v.api_name__	network_reference_code__v	crm_lookup_id__v	crm_picklist_value__v
2	unvalidated__v	Object type is not correct, it should be picklist__v	VA800000000F006	boolean__v	A		a__c
3	unvalidated__v	Object type is not correct, it should be picklist__v	VA800000000F007	boolean__v	I		i__c
4	unvalidated__v	Picklist value (A__V) does not exist on CRM field (vpro_address_status__c).	VA800000000F008	picklist__v	A		A__V
5	unvalidated__v	Picklist value (I__c) does not exist on CRM field (vpro_address_status__c).	VA800000000F009	picklist__v	I		I__c

Summary | Network Mapping | Network Object Mapping | Network Field Mapping | Network Reference Mapping | Missing Network Ref. Mapping

Example issues:

Issue	Details
Object type is not correct, it should be *<correct object type>*	The object type listed in the **object_type__v.api_name__v** column is incorrect.
Picklist value (*<0>*) does not exist on CRM field (*<1>*)	The value in the **crm_picklist_value__v** column is incorrect or is not active value.
Lookup value (*<0>*) does not exist in field (*<1>*) on CRM object (*<2>*)	The value in the **crm_lookup_id__v** column does not a valid record ID.
Reference code (*<0>*) does not exist on Network field (*<1>*)	The **network_reference_code__v** column does not have an active Network code for the Network field for at least one of the mapped countries.

Missing Network Ref. Mapping

This sheet identifies all the missing reference mappings between Network and Vault CRM.

All active Network Codes for the mapped countries should have a reference mapping. If you do not have a mapping for the code, the record will fail when Network upserts the data through the bridge or DCR.

For picklist fields, the validation job compares the Network codes and labels to CRM picklists and labels to find a suggested picklist value in Vault CRM to map to.

Key columns

- **Match Notes** -Identifies if potential matches are found between Network codes and labels and CRM picklists and labels.
- **crm_picklist value** - The suggested picklist value.
- **CRM Picklist Label** - The suggested picklist label.

The sheet contains the following columns and values.

Header	Details	Example value
Country	The country__v field value from the network_mapping__v record.	US;CA
CRM Object	The crm_object_api_name__v field from the network_object_mapping__v record.	account__v
Person Account	The person_account__v field from the network_object_mapping__v record.	true
Network Field API Name	The network_field_api_name__v from the network_field_mapping__v record.	speciality_1__v
CRM Field API Name	The crm_field_api_name__v from the network_field_mapping__v record.	speciality_1__v

Header	Details	Example value
Vault Picklist	The name of the picklist associated with the CRM field.	account_speciality_1__v
network_reference_code__v	The missing reference code	O
Network English Label	Network's English label for the code.	Other
Match Notes	Advises of any possible matches to CRM picklists.	Found matching picklist value name in Vault.
crm_picklist_value__v	Possible matching CRM picklist value.	o__c
CRM Picklist Label	CRM's English picklist label.	Other
crm_lookup_id__v	Vault CRM lookup ID	
crm_record_type_name__v	Vault CRM object type name	
direction__v	Supported mapping direction	bidirectional__v
object_type__v.api_name__v	The API name of the object type the reference mapping should have.	picklist__v
external_id__v	Customer defined unique identifier for the mapping. Helpful for loading mappings to different vaults.	NFM-US-Account_HCP-credentials__v-o__c-Other
network_field_mapping__v	ID of the network_field_mapping__v record.	VA5000000001012
network_field_mapping__v.external_id__v	external_id__v value from the network_field_mapping__v record	NFM-US-Account-HCP-credentials__v
network_field_mapping__v.legacy_crm_id__v	legacy_crm_id__v value from the network_field_mapping__v record	a2436000000AQI0AAO

Example sheet

Country	CRM Object	Person Account	Network Field API Name	CRM Field API Name	Vault Picklist	network_reference_code__v	Network English Label	Match Notes	crm_picklist	CRM Picklist Label
DE;ES;FR;IT	address__v	true	country__v	country__v	country_codes__v	DE	Germany	Found matching picklist value name in Vault.	de__v	DE
DE;ES;FR;IT	address__v	true	country__v	country__v	country_codes__v	ES	Spain	Found matching picklist value name in Vault.	es__v	ES
DE;ES;FR;IT	address__v	true	country__v	country__v	country_codes__v	FR	France	Found matching picklist value name in Vault.	fr__v	FR
DE;ES;FR;IT	address__v	true	country__v	country__v	country_codes__v	IT	Italy	Found matching picklist value name in Vault.	it__v	IT
US	address__v	true	country__v	country__v	country_codes__v	US	United States	Found matching picklist value name in Vault.	us__v	US
DE;ES;FR;IT	account__v	true	hcp_status__v	vpro_hcp_status__c	hcp_status__c	A	Active	No match found.		
DE;ES;FR;IT	account__v	true	hcp_status__v	vpro_hcp_status__c	hcp_status__c	D	Dead	No match found.		
DE;ES;FR;IT	account__v	true	hcp_status__v	vpro_hcp_status__c	hcp_status__c	I	Inactive	No match found.		
DE;ES;FR;IT	account__v	true	hcp_status__v	vpro_hcp_status__c	hcp_status__c	R	Retired	No match found.		
DE;ES;FR;IT	account__v	true	hcp_status__v	vpro_hcp_status__c	hcp_status__c	U	Undetermined	No match found.		
DE;ES;FR;IT	account__v	true	hcp_type__v	vpro_hcp_type__c	vpro_hcp_type__c	A	Animal Health	Found matching picklist value name in Vault.	a__c	Animal Health
DE;ES;FR;IT	account__v	true	hcp_type__v	vpro_hcp_type__c	vpro_hcp_type__c	D	Doctor	No match found.		
DE;ES;FR;IT	account__v	true	hcp_type__v	vpro_hcp_type__c	vpro_hcp_type__c	DT	Dentist	No match found.		
DE;ES;FR;IT	account__v	true	hcp_type__v	vpro_hcp_type__c	vpro_hcp_type__c	N	Non-Prescribing Health Care Prof	Found matching picklist value name in Vault.	n__c	Non-Prescribing Health Care Professional
DE;ES;FR;IT	account__v	true	hcp_type__v	vpro_hcp_type__c	vpro_hcp_type__c	NU	Nurse	No match found.		

Summary | Network Mapping | Network Object Mapping | Network Field Mapping | Network Reference Mapping | Missing Network Ref. Mapping | +

Matching missing reference values

When missing reference values are found, the validation job compares the extracted Vault CRM data to try to find a recommended mapping.

Network to CRM data comparison

network_reference_code__v	crm_picklist_value__v
Network English Label	CRM Picklist Label

The logic to match the data is prioritized to find the best mapping. Network codes that are matched to CRM Picklist names are considered the best match.

Example

Order	Network Code	Network Label (EN)	CRM Picklist Name	CRM Picklist Label	Logic
1	MD	Doctor of Medicine	md__c	Dr of Med	Network Code == CRM Picklist Name minus suffix (__v, __c, __cda, _cda)
2	MD	Doctor of Medicine	abc__c	MD	Network Code == CRM Picklist Label
3	MD	Doctor of Medicine	abc__c	Doctor of Medicine	Network English Label == CRM Picklist Label
4	MD	Doctor of Medicine	doctor_of_medicine__c	Dr of Medicine	Network English Label == CRM Picklist Name minus suffix (__v, __c, __cda, _cda), replace underscores with spaces

Resolve the issues

You can change any configuration issues or mappings directly in the file and then upload the updates to Vault CRM.

Note: If your mapping has an incorrect **object_type__v,** the mapping cannot be updated through the data loader. You can delete and then recreate the mapping with the correct object type.

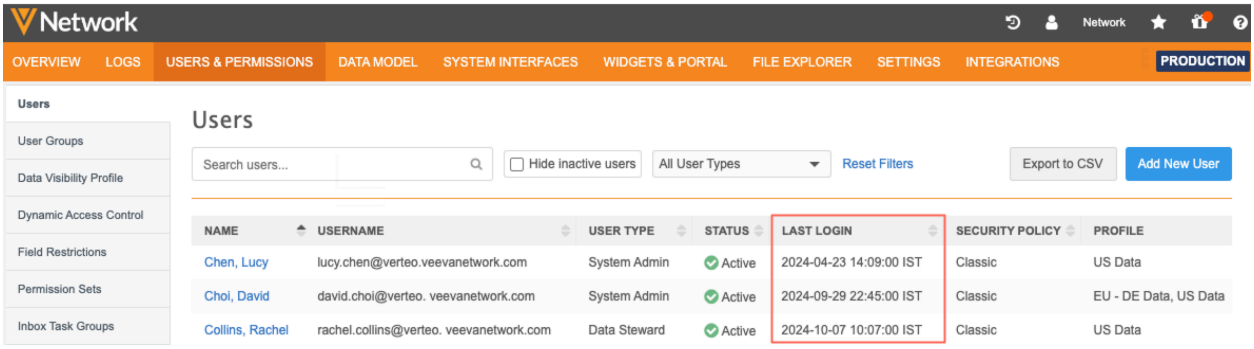
1. Update the validation file to correct the issues.
2. Save the file as .csv.
3. Load the .csv file into Vault CRM (**Vault Loader**) to update the mappings.
4. In Network, click **Validate Vault CRM Bridge** again to ensure that all mapped data is validated.

Continue these steps until there are no issues found.

Users

LAST LOGIN TIME

The Users page now includes the last time each user accessed the Network instance. The **Last Login** column is added to the Users table. Previously, the last login time was available only if you exported the Users page details.



Login time

On the Users page, the **Last Login** timestamp displays in the timezone defined for the Network instance (**Settings > General Settings**).

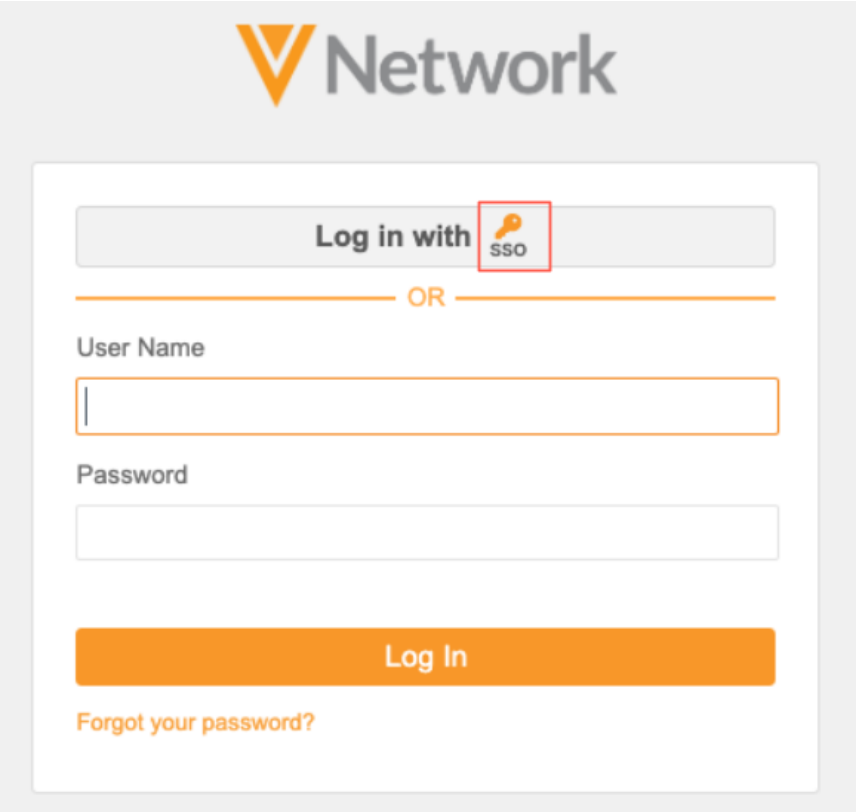
If you download the log by clicking **Export to CSV**, the timestamp displays for the timezone that you have set in your user profile (My Profile).

This enhancement is enabled by default in your Network instance.

Security

SINGLE SIGN-ON ICON

The default single sign-on (SSO) icon is changed. If you are using a custom image/icon, this change will not impact your login page.



This enhancement is enabled by default in your Network instance.