REST API - Veeva Vault Connector - Configuration

The Veeva Vault Connector can be configured using the Rest API. It requires the following entities to be created:

- Credential
- Connection
- Connector
- Seed

Below are the examples of how to create the Connection and the Seed. For the Connector, please check this page.

Create Credential

Field	Required	Default	Multiple	Notes	Example
type	Yes	-	No	The value must be "veeva-vault".	"veeva-vault"
description	Yes	-	No	Name of the credential object.	"Veeva Vault Credential"
throttlePolicy	No	-	No	Throttle policy ID that will affect all seeds that use this credential.	"4f07e6c5-d2e9-48d8-a55d-094917508c0f"
properties	**Yes**	**-**	**No**	**Configuration object**	
username	Yes	-	No	Username for the crawl account	"aspire_crawl_account@veevadomain.com"
password	Yes	-	No	Password for the crawl account	"password"

Example

POST aspire/_api/credentials

```
{
    "type": "veeva-vault",
    "description": "Veeva Vault Credential",
        "throttlePolicy": "4f07e6c5-d2e9-48d8-a55d-094917508c0f",
        "properties": {
            "username": "aspire_crawl_account@veevadomain.com",
            "password": "encrypted:5A1765DE0C17E1BDD019D61D9E5A2809A0A4F0B4792DD7D4DEF12B7ADA34A043"
          }
}
```

Update Credential

Field	Required	Default	Multiple	Notes	Example
id	Yes	-	No	ID of the credential to update.	"2f287669-d163-4e35-ad17-6bbfe9df3778"
description	Yes	-	No	Name of the credential object.	"Veeva VaultCredential"
throttlePolicy	No	-	No	Throttle policy ID that will affect all seeds that use this credential.	"4f07e6c5-d2e9-48d8-a55d-094917508c0f"
properties	**Yes**	**-**	**No**	**Configuration object**	
username	Yes	-	No	Username for the crawl account	"aspire_crawl_account@veevadomain.com"
password	Yes	-	No	Password for the crawl account	"password"

Example

PUT aspire/_api/credentials/2a5ca234-e328-4d40-bb2a-2df3e550b065

```
{
    "id": "2a5ca234-e328-4d40-bb2a-2df3e550b065",
        "type": "veeva-vault",
        "description": "Veeva Vault Credential",
        "throttlePolicy": "4f07e6c5-d2e9-48d8-a55d-094917508c0f",
        "properties": {
            "username": "aspire_crawl_account@veevadomain.com",
            "password": "encrypted:5A1765DE0C17E1BDD019D61D9E5A2809A0A4F0B4792DD7D4DEF12B7ADA34A043"
          }
}
```

Create Connection

Field	Required	Default	Multiple	Notes	Example
type	Yes	-	No	The value must be veeva-vault	veeva-vault
description	Yes	-	No	Name of the connection object.	"My Veeva Vault Connection"
credential	No	-	No	ID of the credential that applies to this connection object.	"d42e1872-02c8-4a90-a714-44f15577389a"
throttlePolicy	No	-	No	ID of the throttle policy that applies to this connection object.	"f5587cee-9116-4011-b3a9-6b235b333a1b"
routingPolicies	No	[ ]	Yes	The IDs of the routing policies that this connection will use.	["313de87c-3cb9-4fe0-a2cb-17f75ce7d0c7", "b4d2579f-1a0a-4a8b-9fd4-d42780003b36"]
properties	**Yes**	**-**	**No**	**Configuration object**	
baseUrl	Yes	-	No	The DNS of the vault for which you want to generate a session.	"https://my-veeva-vault-repo.com"
baseVersion	Yes	-	No	The Vault REST API version.	"v21.3"
pageSize	Yes	500	No	The response page size.	500
throttlingConnectionRate	Yes	1000	No	Burst Limit is the number of API calls that your vault can receive within a fixed 5-minute period.	1000
maxRetries	Yes	3	No	The number of connections retries.	3
apiLimitWait	Yes	60000	No	The waiting time before retry in milliseconds for API LIMIT Errors (in milliseconds).	60000
maxAPILimitRetries	Yes	3	No	The number of retries for API Limit errors.	3

Example

POST aspire/_api/connections

```
{

        "type": "veeva-vault",
    "description": "Veeva Vault Test Connector",
        "credential": "d42e1872-02c8-4a90-a714-44f15577389a",
    "throttlePolicy": "",
    "routingPolicies": ["5c7274ef-429b-46ef-8f73-f010e479a467", "9dee4fba-14f2-4afc-a74d-297bcbbd359a"],
    "properties": {
                "baseUrl": "https://my-veeva-vault-repo.com",
                "baseVersion": "v21.3",
                "pageSize": 500,
                "throttlingConnectionRate": 1000,
                "maxRetries": 3,
                "apiLimitWait": 60000,
                "maxAPILimitRetries": 3
        }
}
```

Update Connection

Field	Required	Default	Multiple	Notes	Example
id	Yes	-	No	ID of the connection to update	"89d6632a-a296-426c-adb0-d442adcab4b0",
description	No	-	No	Name of the connection object.	"My Veeva Vault Connection"
throttlePolicy	No	-	No	ID of the throttle policy that applies to this connection object.	"f5587cee-9116-4011-b3a9-6b235b333a1b"
routingPolicies	No	[ ]	Yes	The IDs of the routing policies that this connection will use.	["313de87c-3cb9-4fe0-a2cb-17f75ce7d0c7", "b4d2579f-1a0a-4a8b-9fd4-d42780003b36"]
properties	**Yes**	**-**	**No**	**Configuration object**	
baseUrl	Yes	-	No	The DNS of the vault for which you want to generate a session.	"https://my-veeva-vault-repo.com"
baseVersion	Yes	-	No	The Vault REST API version.	"v21.3"
pageSize	Yes	500	No	The response page size.	500
throttlingConnectionRate	Yes	1000	No	Burst Limit is the number of API calls that your vault can receive within a fixed 5-minute period.	1000
maxRetries	Yes	3	No	The number of connections retries.	3
apiLimitWait	Yes	60000	No	The waiting time before retry in milliseconds for API LIMIT Errors (in milliseconds).	60000
maxAPILimitRetries	Yes	3	No	The number of retries for API Limit errors.	3

Example

```
{
    "id": "89d6632a-a296-426c-adb0-d442adcab4b0",
        "type": "veeva-vault",
    "description": "Veeva Vault Test Connector",
        "credential": "d42e1872-02c8-4a90-a714-44f15577389a",
    "throttlePolicy": "",
    "routingPolicies": ["5c7274ef-429b-46ef-8f73-f010e479a467", "9dee4fba-14f2-4afc-a74d-297bcbbd359a"],
    "properties": {
                "baseUrl": "https://my-veeva-vault-repo.com",
                "baseVersion": "v21.3",
                "pageSize": 500,
                "throttlingConnectionRate": 1000,
                "maxRetries": 3,
                "apiLimitWait": 60000,
                "maxAPILimitRetries": 3
        }
}
```

Create Connector Instance

For the creation of the Connector object using the Rest API, check this page.

Update Connector Instance

For the update of the Connector object using the Rest API, check this page

Create Seed

Field	Required	Default	Multiple	Notes	Example
seed	Yes	-	No	This value must be veevavault_seed	veevavault_seed
type	Yes	-	No	The value must be veeva-vault.	veeva-vault
description	Yes	-	No	Name of the seed object.	"My Veeva Vault Seed"
connector	Yes	-	No	The id of the connector to be used with this seed. The connector type must match the seed type.	"82f7f0a4-8d28-47ce-8c9d-e3ca414b0d31"
connection	Yes	-	No	The id of the connection to be used with this seed. The connection type must match the seed type.	"602d3700-28dd-4a6a-8b51-e4a663fe9ee6"
workflows	No	[ ]	Yes	The ids of the workflows that will be executed for the documents crawled.	["f8c414cb-1f5d-42ef-9cc9-5696c3f0bda4"]
throttlePolicy	No	-	No	Id of the throttle policy that applies to this connection object.	"f5587cee-9116-4011-b3a9-6b235b333a1b"
routingPolicies	No	[ ]	Yes	The ids of the routing policies that this seed will use.	["313de87c-3cb9-4fe0-a2cb-17f75ce7d0c7", "b4d2579f-1a0a-4a8b-9fd4-d42780003b36"]
tags	No	[ ]	Yes	The tags of the seed. These can be used to filter the seed	["tag1", "tag2"]
properties	**Yes**	**-**	**No**	**Configuration object**	
seed	Yes	-	No	This value must be veevavault_seed	veevavault_seed
attachments	Yes	-	No	Select if you want to get attachment for the resulting objects from the VQL query	true
renditions	Yes	-	No	Select if you want to get renditions for the resulting objects from the VQL query	false
queries	Yes	-	Yes	The seed to be crawl as VQL queries	[{"query": "SELECT id FROM documents"}, {"query": "SELECT id FROM products__c"}]

Example

POST aspire/_api/seeds

```
{
    "type": "<Connector Type>",
    "seed": "directory",
    "connector": "82f7f0a4-8d28-47ce-8c9d-e3ca414b0d31",
    "description": "<connector>_Test_Seed",
    "throttlePolicy": "6b8b5f23-fc77-47a1-9b58-106577162e7b",
    "routingPolicies": ["313de87c-3cb9-4fe0-a2cb-17f75ce7d0c7", "b4d2579f-1a0a-4a8b-9fd4-d42780003b36"],
    "connection": "602d3700-28dd-4a6a-8b51-e4a663fe9ee6",
    "workflows": ["f8c414cb-1f5d-42ef-9cc9-5696c3f0bda4"],
    "tags": ["tag1", "tag2"],
        "properties": {
            "seed": "veevavault_seed",
                "attachments": false,
                "renditions": true,
                "queries": [
                        {
                                "query": "SELECT id FROM documents"
                        },
                        {
                                "query": "SELECT id FROM products__c"
                        }
                ]
        }
}
```

Update Seed

Field	Required	Default	Multiple	Notes	Example
id	Yes	-	No	ID of the seed to update.	"2f287669-d163-4e35-ad17-6bbfe9df3778"
seed	No	-	No	<seed description>	
description	No	-	No	Name of the seed object.	"MyVeeva VaultSeed"
connector	No	-	No	The ID of the connector to be used with this seed. The connector type must match the seed type.	"82f7f0a4-8d28-47ce-8c9d-e3ca414b0d31"
connection	No	-	No	The ID of the connection to be used with this seed. The connection type must match the seed type.	"602d3700-28dd-4a6a-8b51-e4a663fe9ee6"
workflows	No	[ ]	Yes	The IDs of the workflows that will be executed for the documents crawled.	["f8c414cb-1f5d-42ef-9cc9-5696c3f0bda4"]
workflows.add	No	[ ]	Yes	The IDs of the workflows to add.	["f8c414cb-1f5d-42ef-9cc9-5696c3f0bda4"]
workflows.remove	No	[ ]	Yes	The IDs of the workflows to remove.	["f8c414cb-1f5d-42ef-9cc9-5696c3f0bda4"]
throttlePolicy	No	-	No	ID of the throttle policy that applies to this connection object.	"f5587cee-9116-4011-b3a9-6b235b333a1b"
routingPolicies	No	[ ]	Yes	The IDs of the routing policies that this seed will use.	["313de87c-3cb9-4fe0-a2cb-17f75ce7d0c7", "b4d2579f-1a0a-4a8b-9fd4-d42780003b36"]
routingPolicies.add	No	[ ]	Yes	The IDs of the routingPolicies to add.	["b4d2579f-1a0a-4a8b-9fd4-d42780003b36"]
routingPolicies.remove	No	[ ]	Yes	The IDs of the routingPolicies to remove.	["313de87c-3cb9-4fe0-a2cb-17f75ce7d0c7"]
tags	No	[ ]	Yes	The tags of the seed. These can be used to filter the seed	["tag1", "tag3"]
tags.add	No	[ ]	Yes	The tags to add	["tag4"]
tags.remove	No	[ ]	Yes	The tags to remove	["tag2"]
properties	**Yes**	**-**	**No**	**Configuration object**	
seed	Yes	-	No	This value must be veevavault_seed	veevavault_seed

attachments	Yes	-	No	Select if you want to get attachment for the resulting objects from the VQL query	true
renditions	Yes	-	No	Select if you want to get renditions for the resulting objects from the VQL query	false
queries	Yes	-	Yes	The seed to be crawled as VQL queries	[{"query": "SELECT id FROM documents"}, {"query": "SELECT id FROM products__c"}]

Example

PUT aspire/_api/seeds/2f287669-d163-4e35-ad17-6bbfe9df3778

```
{
    "id": "2f287669-d163-4e35-ad17-6bbfe9df3778",
    "seed": "<seed example>",
    "connector": "82f7f0a4-8d28-47ce-8c9d-e3ca414b0d31",
    "description": "<connector>_Test_Seed",
    "throttlePolicy": "6b8b5f23-fc77-47a1-9b58-106577162e7b",
    "routingPolicies": ["313de87c-3cb9-4fe0-a2cb-17f75ce7d0c7", "b4d2579f-1a0a-4a8b-9fd4-d42780003b36"],
    "connection": "602d3700-28dd-4a6a-8b51-e4a663fe9ee6",
    "workflows": ["b255e950-1dac-46dc-8f86-1238b2fbdf27", "f8c414cb-1f5d-42ef-9cc9-5696c3f0bda4"],
    "tags": ["tag", "tag2"],
        "properties": {
            "seed": "veevavault_seed",
                "attachments": false,
                "renditions": true,
                "queries": [
                        {
                                "query": "SELECT id FROM documents"
                        },
                        {
                                "query": "SELECT id FROM products__c"
                        }
                ]
        }
}
```