


CX Portal - Register Connector

CX Core ART

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 This page is currently work in progress
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ONGOING

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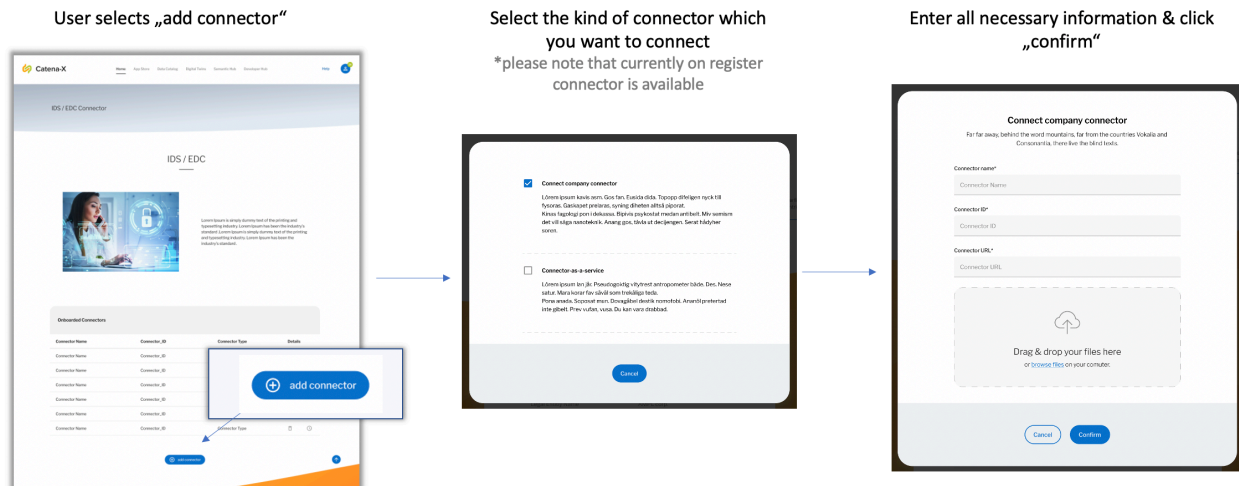
1 Summary

For a full technical onboarding and to enable the network to browse through and find available data connectors, each data provider or connector owner is in ownership to register their connectors in the network which will trigger on top a self description (GAIA-X).

The details below show the user interface as well as the available endpoints to trigger the registration.

2 Data Connector

2.1 Flow Details



2.2 Details

In the technical integration / setup of the connector, 3 different scenarios are available

- connector as a service (request a service via a service provider)
- bring your own connector
- no connector required

Connector stakeholders are mainly app providers and data provider (active CX participants along the automotive value chain).

For the scenario "bring your own connector", the user will be able to register the connector by entering the relevant information. In the case of a "connector as a service" case, the relevant data fields need to get still defined by the Product Team CaaS (not in scope for release 1)

2.3 API Service

Get all MY Connector Registrations

The user can retrieve all connectors which are connected to his/her company as consumer

Logical flow of the service

- fetch the user id from the user token calling the GET call
- from the user token user_id get via the table iam_user the company_user_id
- use the company_user_id to retrieve the company_id
- now get all connectors where company_id is added as consumer

API Details

GET API needed

Endpoint is for consumer connectors only - this needs to be visible inside the endpoint

Response

- id
- name
- connectorType
- location
- status

*permission: view_connectors

Create new Connector Registration - selfowned

The user can create a new connector registration by using the connector POST call

Logical flow of the service

- fetch the user id from the user token calling the POST call
- from the user token user_id get via the table iam_user the company_user_id
- *...etc...to be enhanced*

API Details

POST API needed

Endpoint is for connector owner only

Request - Post

- name
- connectorType
- location
- provider
- connectorUrl

- status

*permission: add_connectors

Create new Connector Registration - managed **PLANNED**

Service Provider can create a new registration for a company which subscribed for a service provider service

Logical flow of the service

- fetch the user id from the user token calling the POST call
- from the user token user_id get via the table iam_user the company_user_id
- use the company_user_id to retrieve the company_id
- validate if a service request is active between service provider company and to be registered connector company
 - if record found, proceed
 - if not, block and send back an error

API Details

POST API needed

Endpoint is for connector owner service provider only

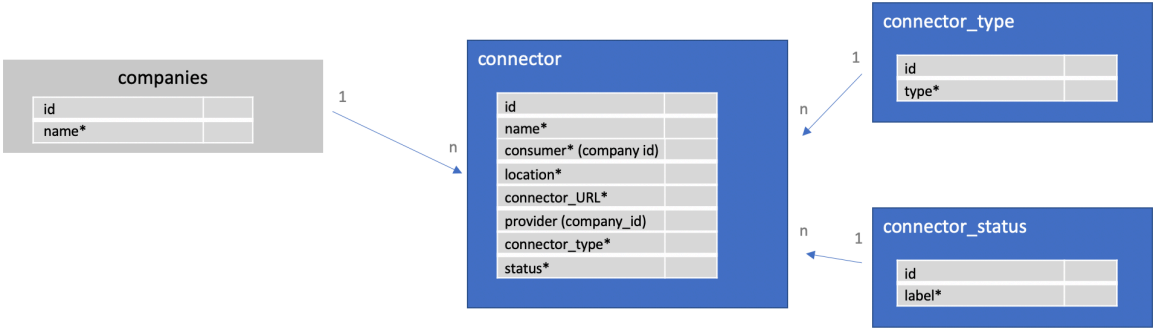
Request - Post

- name
- connectorType => set by the backend
- location
- provider => should be the costumer
- connectorUrl
- status

*permission: add_connectors

=> add security limitation regarding number of connector registrations

2.4 DB Model



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