



PUBLIC

Configuration Instructions

**SAP Business Network Material Traceability Data
Provisioning for Catena-X V2.0**

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Disclaimer

The integration flows/integration package provided herein are intended to serve as an intermediate solution. Please be advised that, at a later point in time, the functionalities of the iflow may have a successor functionality, resulting in the deprecation of these iflows and restricted support. Advanced information will be given to consumers before the deletion of these iflows.

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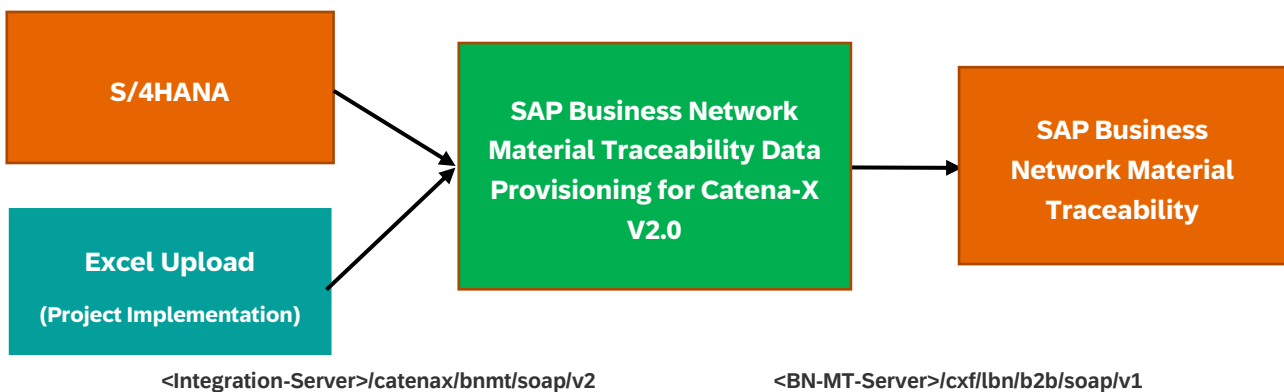
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Introduction

This document is a step-by-step instruction how to install and configure the published Package “SAP Business Network Material Traceability Data Provisioning for Catena-X V2.0”.

The configuration steps are described for each integration flow.

System Landscape



This Software Package is connected between the standard communication channel of S/4HANA and SAP Business Network Material Traceability. Also, the Excel upload functionality (Project Implementation) can be used for mass data import if no backend integration with an ERP system is in place.

Prerequisites

Prerequisites for Software components

This Table describes the required Software Component Versions

Software	Version	Comments
Compliant with Catena-X Standards	24.03	
SAP Business Network Material Traceability	Q1 2024	
GBTRINT	100 SP33	Only needed with backend integration SAP Global Batch Traceability Integration
DSI	0.7.x	Data Space Integration
DTA	1.0.0	Digital Twin Administration



Currently, a certain API is in its Beta phase and has been released on the SAP Business Accelerator Hub. To make use of this API, customers are required to sign a Test and Evaluation Agreement (which should be managed alongside the BNMT license by the Account Executive). Additionally, a ticket needs to be created in the SBN-LBN-MT component, providing the Subaccount ID and Customer Name as essential information.

Prerequisites Configurations

If the Generic Asset definition in DSI-EDC is not done already, please consult **Appendix A - Create DSI-EDC Assets, Policies and Contract Definitions**

If you use Digital Twin Administration provided by SAP, please contact your Digital Twin Administration owner to get the following data for the Provider and Consumer Scenario: TokenUrl, ClientId and ClientSecret.

If you face any issues, please contact the Digital Twin Administration Support under:

digital-twin-administration-support@sap.com

In case of the FOSS Digital Twin Registry, please contact the FOSS DTR Administrator for this information.

Business Technology Platform Roles

The user needs the following Roles Collection assigned in BTP Cockpit to configure these Integration Flows.

For iFlow Configuration	'PI_Integration_Developer'
For Certificate generation	'PI_Administrator'
Cloud Foundry Service Key creation	'Subaccount Admin'
	'Org Manager' and 'Space Manager' in Cloud Foundry Setup

For detailed roles description consult SAP Help [Configuring User Access to Cloud Integration](#)

Configure the Backend System (optional)

Adjust your Backend according to the documentation “**Configuration Instructions S4_HANA Backend Integration.docx**” provided in this project.

To access the Integration Flow “**Enhance SAP Business Network Material Traceability Data Provisioning V2.0**” from GBTRINT, define this URL as endpoint in GBTRINT:

<Integration-Server>/cxf/catenax/bnmt/soap/v2

The Endpoint to SAP Business Network Material Traceability is defined in the configuration of the Integration Flow “**Enhance SAP Business Network Material Traceability Data Provisioning V2.0**” with the URL:

Productive purpose: <https://l20398-iflmap.hcisbp.eu1.hana.ondemand.com/cxf/lbn/b2b/soap/v1>

Test purpose: <https://v0478-iflmap.avtsbhf.eu1.hana.ondemand.com/cxf/lbn/b2b/soap/v1>

For additional Information consult the following SAP Help documents:

[Administration Guide for Material Traceability - Installing the GBTRINT 100 Add-On](#)

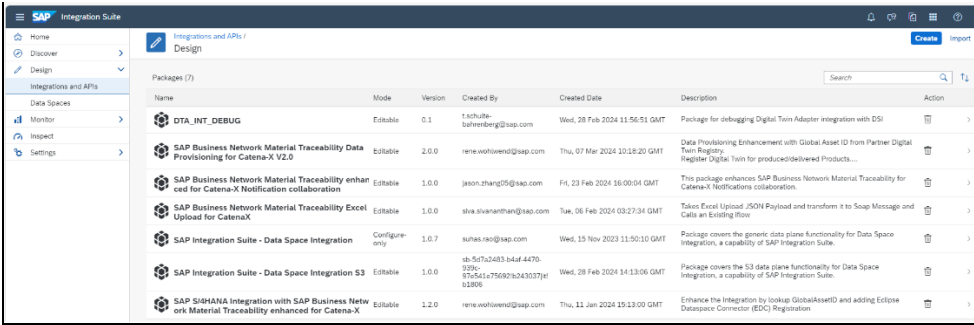
[Administration Guide for Material Traceability - Maintaining an LBN Endpoint in SAP Process Integration](#)

[Creating Material Genealogy Data – Suitable for SAP Backend Systems](#)

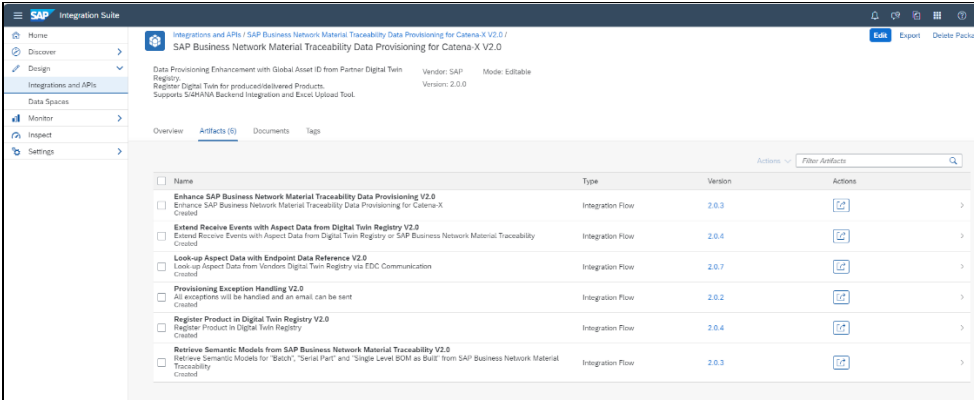
Configuration Step-by-Step

Please follow these instructions to setup all related parameters for each Integration Flow.

Got to [Design](#) -> [Integration and APIs](#) from the menu on the left.

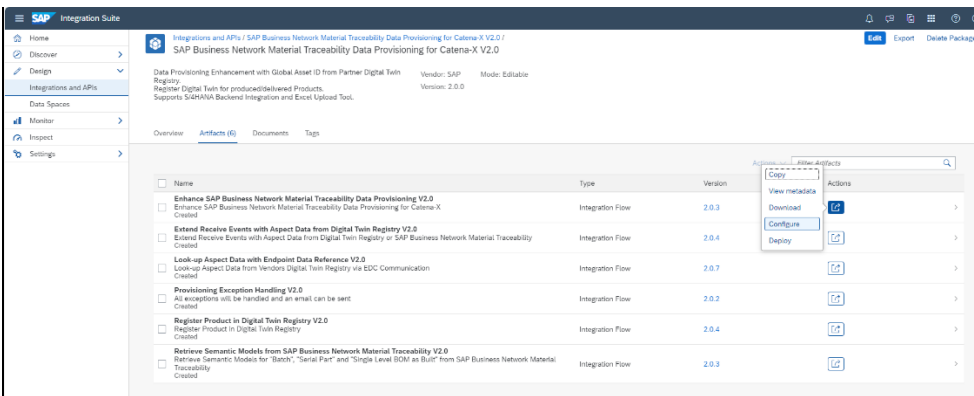


Select the package "SAP Business Network Material Traceability Data Provisioning for Catena-X V2.0" and select [Artifacts](#) Tab at the top.

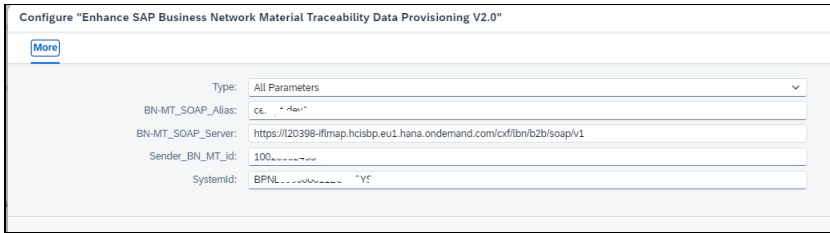


Enhance SAP Business Network Material Traceability Data Provisioning V2.0

Select [Configure](#) from the Drop-Down under the [Action](#) button for the Integration Flow "Enhanced SAP Business Network Material Traceability Data Provisioning V2.0."



More Tab



Configure "Enhance SAP Business Network Material Traceability Data Provisioning V2.0"

[More](#)

Type: All Parameters

BN-MT_SOAP_Alias: c6...*

BN-MT_SOAP_Server: https://l20398-iflmap.hcisbp.eu1.hana.ondemand.com/cxf/lbn/b2b/soap/v1

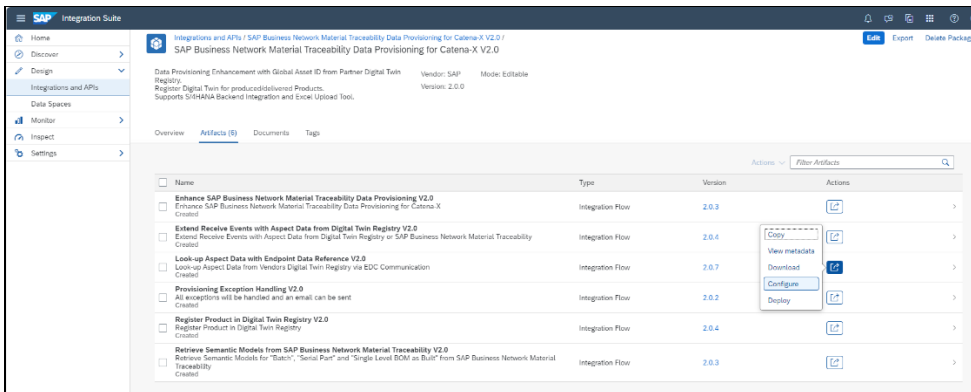
Sender_BN_MT_Id: 100...

SystemId: BPNL...

- **BN-MT_SOAP_Alias:** Enter the Alias Name specified for the Key Pair setup in Manage Keystore from the “Generate and import Certificate” section at the end of this document.
- **BN-MT_SOAP_Server:** Please enter the Server Address as mentioned in the [SAP Help](#) documentation.
Productive purpose: <https://l20398-iflmap.hcisbp.eu1.hana.ondemand.com/cxf/lbn/b2b/soap/v1>
Test purpose: <https://v0478-iflmap.avtsbhf.eu1.hana.ondemand.com/cxf/lbn/b2b/soap/v1>
- **Sender_BN_MT_Id:** This is the LBN ID you can find in SAP Business Network Material Traceability under “Manage Business Profile” tab.
- **SystemId:** The parameter SystemId is expected to be configured in this artifact, the purpose of which is provide an alternative value in case the system ID is missing in data input.
 1. if S/4HANA or ERP System is connected, the corresponding system ID would be used.
 2. if Excel Upload App is used, the system ID manufacturer + sys (or any custom values) would be pushed in BN MT, no matter what system ID is configured in this artifact. Assume, manufacturer + sys has priority.
 3. if some third-party backend system is connected, data provisioning iflow offers the possibility to configure one system ID directly which is to be used. Suggestion is to use Catena-X BPNL number.

Look-up Aspect Data with Endpoint Data Reference V2.0

Select "Configure" from the Drop-Down under the "Action" button for the Integration Flow " Look-up Aspect Data with Endpoint Data Reference V2.0.”

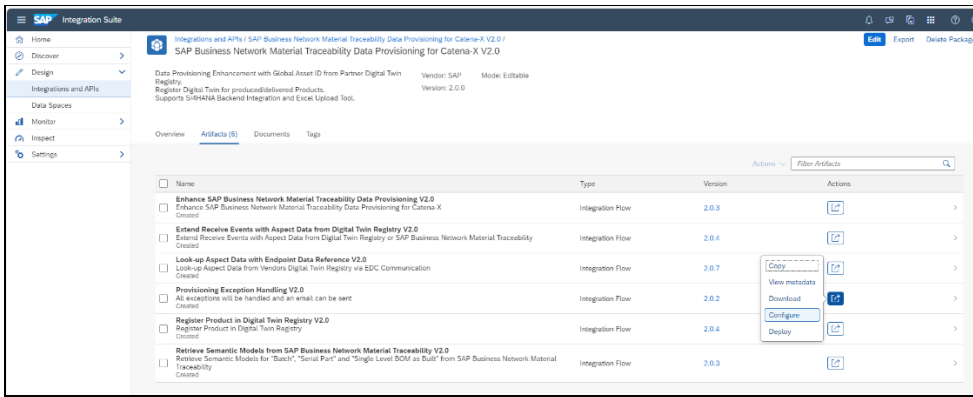


SAP Integration Suite

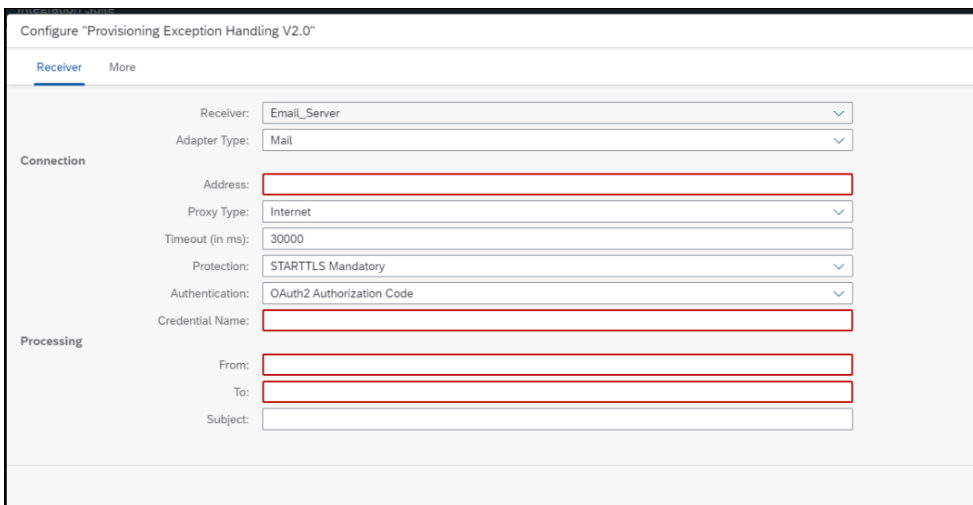
Integrations and APIs / SAP Business Network Material Traceability Data Provisioning for Catena-X V2.0 / SAP Business Network Material Traceability Data Provisioning for Catena-X V2.0

Data Provisioning Enhancement with Global Asset ID from Partner Digital Twin Registry. Register Digital Twin for produced/delivered Products. Supports S/4HANA Backend integration and Excel Upload Tool. Vendor: SAP Mode: Editable Version: 2.0.0

Name	Type	Version	Actions
Enhance SAP Business Network Material Traceability Data Provisioning V2.0	Integration Flow	2.0.3	Copy, View metadata, Download, Configure, Deploy
Extend Receive Events with Aspect Data from Digital Twin Registry V2.0	Integration Flow	2.0.4	Copy, View metadata, Download, Configure, Deploy
Look-up Aspect Data with Endpoint Data Reference V2.0	Integration Flow	2.0.7	Copy, View metadata, Download, Configure, Deploy
Provisioning Exception Handling V2.0	Integration Flow	2.0.2	Copy, View metadata, Download, Configure, Deploy
Register Product in Digital Twin Registry V2.0	Integration Flow	2.0.4	Copy, View metadata, Download, Configure, Deploy
Retrieve Semantic Models from SAP Business Network Material Traceability V2.0	Integration Flow	2.0.3	Copy, View metadata, Download, Configure, Deploy



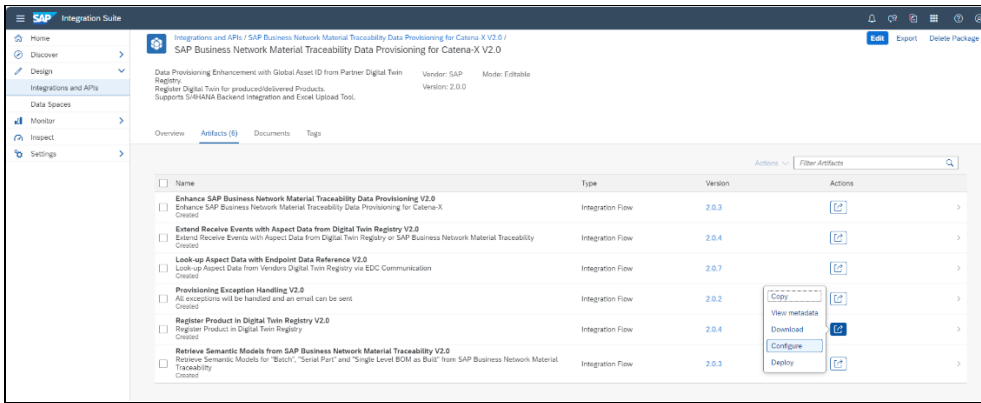
Receiver Tab



- **Address:** enter the Address of your SMTP/POP E-Mail Server
- **Proxy Type:** Choose your proxy type from the drop down
- **Timeout:** enter a timeout value
- **Protection:** Choose your protection mode from the drop down
- **Authentication:** Select correct method for your E-Mail Server
Encrypted User/Password
Plain User/Password
OAuth2 Authorization Code
None
- **Credential name:** In Manages Security Material, create Credentials Alias that the mail server needs.
- **From:** enter a sender mail address
- **To:** enter a receiver mail address/group
- **Subject:** enter a descriptive title for the mail

Register Product in Digital Twin Registry V2.0

Select "Configure" from the Drop-Down under the "Action" button for the Integration Flow "Register Product in Digital Twin Registry V2.0."



Receiver Tab

Configure "Register Product in Digital Twin Registry V2.0"

Receiver More

Receiver: BN-MT_Genealogy

Adapter Type: HTTP

Address: {{BN_MT_Genealogy_Endpoint}}/api/v1/genealogy/\${header.genealogyFunction}

BN_MT_Genealogy_Endpoint: <https://mt-genealogy-supplier-live.cfapps.eu10.hana.ondemand.com>

Credential Name: BN_MT_ClientCredentials_Genealogy

- **Receiver:**
Select "BN-MT_Genealogy"
- **Adapter Type:**
Select "HTTP"
- **BN-MT_Genealogy_Endpoint:**
Insert the Genealogy Endpoint for your System. You can use a Live and a Demo Setup.
<https://mt-genealogy-supplier-live.cfapps.eu10.hana.ondemand.com>
<https://mt-genealogy-supplier-demo.cfapps.eu10.hana.ondemand.com>
- **Credential Name:** Create Credentials via BTP Cockpit of your BTP account where SAP Material Traceability application is subscribed. Go to "Instances and Subscriptions", search the service "Services for Material Traceability" with plan "genealogy", if no key exists, go to "..", create service key and get the Credentials json.
Go to Manages Security Material, Create OAuth 2 Client Credentials:
Token Service URL: This is the Token URL, please extend it by "/oauth/token"
Client ID & ClientSecret can be copied without adjustments
Insert "Name" of OAuth2 Client Credential.

Select DTR_AS from Receiver drop down

- **Receiver:**
Select “DTR_AS”
- **Adapter Type:**
Select “HTTP”

If you use Digital Twin Administration provided by SAP, please contact your Digital Twin Administration owner to get the following data for the Provider Scenario: TokenUrl, ClientId and ClientSecret.

If you face any issues, please contact the Digital Twin Administration Support under: digital-twin-administration-support@sap.com

In case of the FOSS Digital Twin Registry, please contact the DTR Administrator for this information.

- **Address:**
Insert the URL to the corresponding Digital Twin Registry to be use
- **Credential Name:**
Get the OAuth2 Credential Information for the Digital Twin Registry from the Administrator
Go to Manages Security Material, Create OAuth 2 Client Credentials:
Token Service URL: This is the Token URL for providers given by your DTA/DTR Administrator
Client ID: This is the clientId for providers given by your DTA/DTR Administrator
ClientSecret: This is the clientSecret for providers given by your DTA/DTR Administrator
Insert “Name” of OAuth2 Client Credential.

More Tab

- **EdcControlPlaneServer:**
Provide Control Plane Server URL of the EDC Installation provided by the EDC Administrator.
- **EdcDataPlaneServer:**
Go to Monitor – Integration and APIs, select All tile under Manage Integration Content. Enter Generic Data Plane Integration Flow in the search field and select the iflow.

Remove “/*” at the end of the URL.

Overview / Manage Integration Content

Integration Content (40)

Name	Status
Generic Data Plane Integration Flow	Started

Generic Data Plane Integration Flow

Endpoints Status Details Artifact Details Log Configuration

```
https://pt-integration-content-to-be-published-2-vyzzwe2.it-accd003-rt.cfapps.eu12.hana.ondemand.com/http/dataspaceintegration/httpdataplane/
```

Status Details

- **Generic_AssetId_Batch:**
Provide the name of the Generic Asset for Batches registered in EDC
- **Generic_AssetId_SerialPart:**
Provide the name of the Generic Asset for SerialPart registered in EDC
- **Generic_AssetId_SingleLevelBomAsBuilt:**
Provide the name of the Generic Asset for SingleLevelBomAsBuilt registered in EDC

Retrieve Semantic Models from SAP Business Network Material Traceability V2.0

Select "Configure" from the Drop-Down under the "Action" button for the Integration Flow " Retrieve Semantic Models from SAP Business Network Material Traceability V2.0."

It returns the Semantic Data with these Model Versions:

Batch	2.0.0
SerialPart	1.0.1
SingleLevelBomAsBuilt	2.0.0

The screenshot shows the SAP Integration Suite interface. The main content area displays a list of integration flows under the heading 'Artifacts (6)'. The selected flow is 'Retrieve Semantic Models from SAP Business Network Material Traceability V2.0'. The actions menu for this flow is open, showing options: Copy, View metadata, Download, Configure, and Destroy. The 'Configure' option is highlighted.

Receiver Tab

Configure "Retrieve Semantic Models from SAP Business Network Material Traceability V2.0"

Receiver: BN-MT_Product

Adapter Type: HTTP

Connection

Address: {{BN_MT_Product_Endpoint}}/api/v1/ctxproduct/\${header.catenaxID}

BN_MT_Product_Endpoint: https://mt-catenax-api-live.cfapps.eu10.hana.ondemand.com

Credential Name: BN-MT_CatenaX_Alias

- **Receiver:**
Select "BN-MT_Product"
- **Adapter Type:**
Select "HTTP"
- **BN_MT_Product_Endpoint:**
Insert the Catena-x Endpoint for your System. You can use a Live and a Demo Setup.
<https://mt-catenax-api-live.cfapps.eu10.hana.ondemand.com>
<https://mt-catenax-api-demo.cfapps.eu10.hana.ondemand.com>
- **Credential Name:** Create Credentials via BTP Cockpit of your BTP account where SAP Material Traceability application is subscribed. Go to "Instances and Subscriptions", search the service "Services for Material Traceability" with plan "catena-x", if no key exists, go to "..", create service key and get the Credentials json.
Go to Manages Security Material, Create OAuth 2 Client Credentials:
Token Service URL: This is the Token URL, please extend it by "/oauth/token"
Client ID & ClientSecret can be copied without adjustments
Insert "Name" of OAuth2 Client Credential.

Generate and import Certificate

This section describes how to create a Certificate for Business Network Material Traceability and then setup the system connection between the Material Traceability and the Integration Flow “Enhance SAP Business Network Material Traceability Data Provisioning V2.0”.

Generate the Certificate used for Material Traceability iFlows integration to Material Traceability

Cloud Identity Services

Open Administration Console for Cloud Identity Services (see details in section above). Provide meaningful description (e.g. Certificate for iFlows to Traceability generated in IAS) and Common Name (e.g. Material Traceability Certificate for Catena-X usage) and press "Generate" Button.

Rename cert.p12 to cert-ci-to-traceability.p12

Add Certificate

Configure certificates for authentication. Certificates are used for authenticating the client and for API authentication.

Description: Certificate for iFlows to Traceability generated in IAS

Scope: Application Application Users Identity Directory for Applications OpenID

API Permission Groups: [dropdown]

Choose one of the options below

Generate Certificate

Common Name (CN): Material Traceability Market Entry PoC 2

Password: [masked]

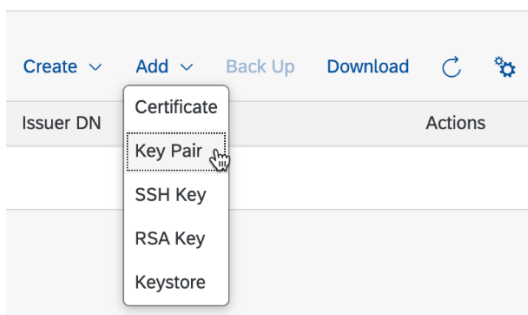
Confirm Password: [masked]

Generate

Integration Suite

Open Integration Suite > Monitor > Integrations and APIs via menu and open Keystore from section Manage Security. Add "Key Pair":

<https://<integration-suite-server-name>/shell/monitoring/Keystore>



Use "**cert-ci-to-traceability**" as Alias and downloaded cert-**ci-to-traceability.p12** to create new Key Pair.

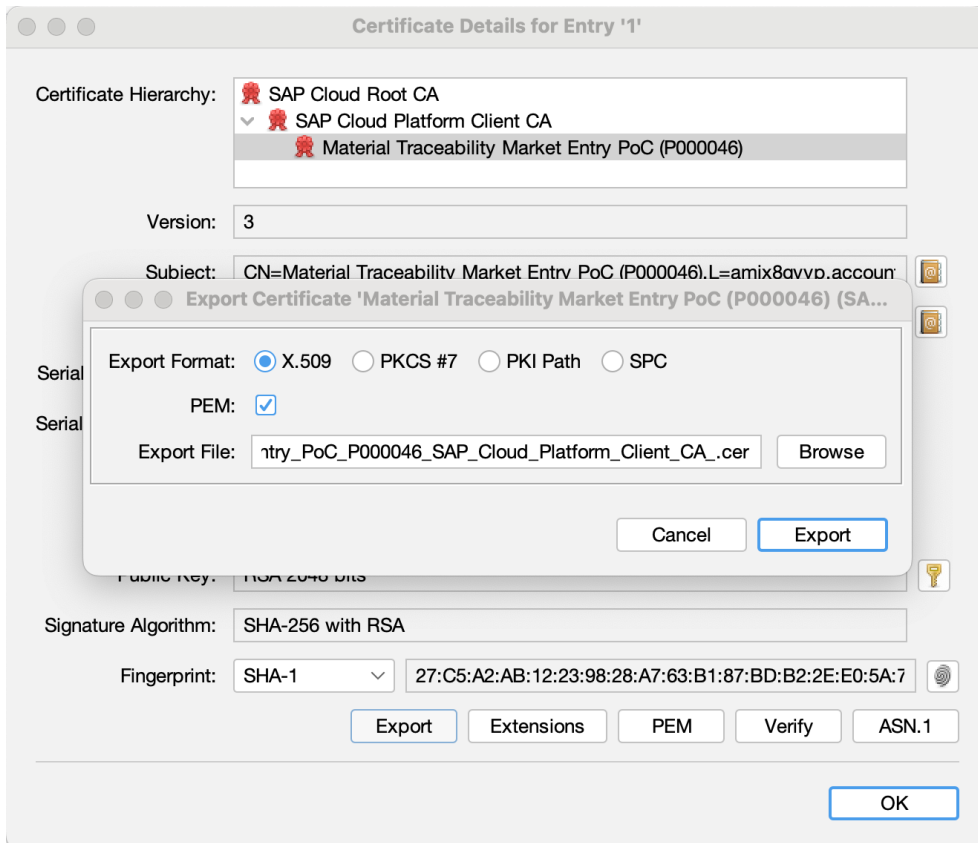
Add Certificate

Alias: *

File: *

KeyStore Explorer

Open cert-ci-to-traceability.p12 with <https://keystore-explorer.org/> and export X.509 certificate.



OpenSSL

1.) Convert certificate cert.p12 (PKCS#12 file) from IAS to PEM format

```
openssl pkcs12 -in cert.p12 -out cert.p12.pem -nodes -passin pass:Welcome999
```

2.) Convert PEM format to Base64 .CER

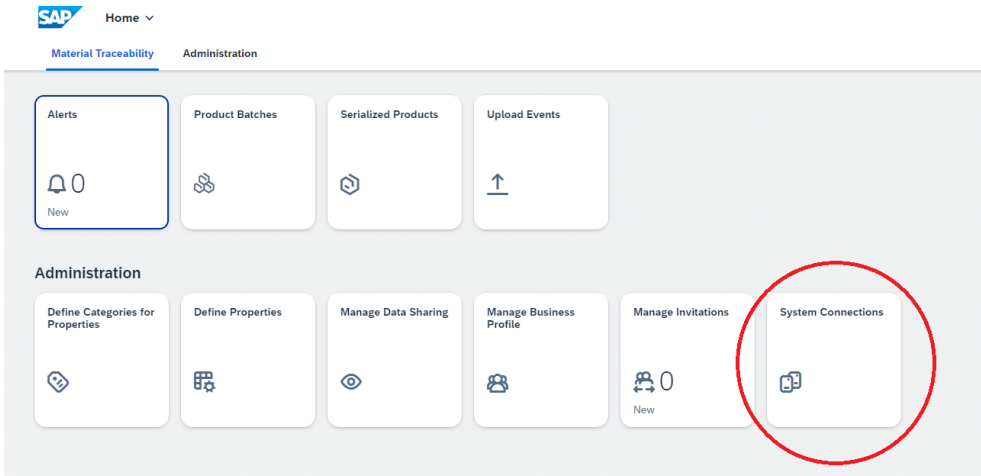
```
openssl x509 -in cert.p12.pem -inform PEM -out private-key.cer -outform PEM
```

Consult SAP Help for more information.

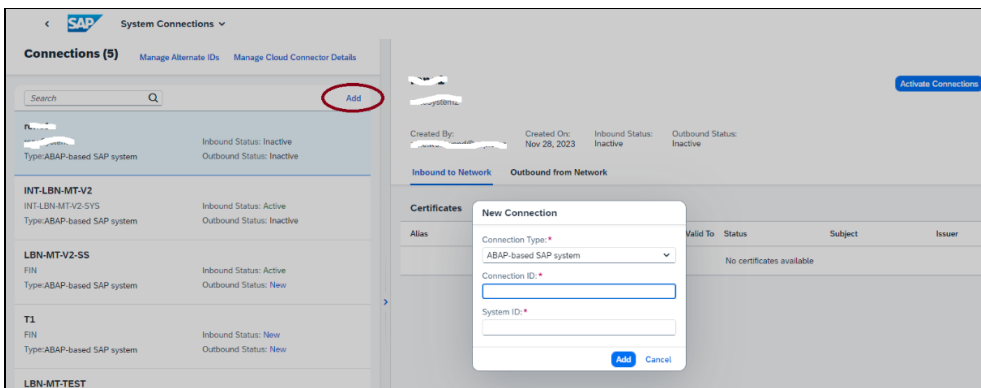
- [Creating a Private and Public Key with the Identity Authentication Service | SAP Help Portal](#)
- Administration Guide for Shippers Setting Up SAP Business Network Freight Collaboration, p. 42, 5.2.1.1 Creating a Private and Public Key with the Identity Authentication Service: <https://help.sap.com/doc/2767a70fa8014f59ace198bfbff0ec99/LBN/en-US/loio2fc9af2317da44c8813df1f42c1ee81c.pdf>

Setup System Connections

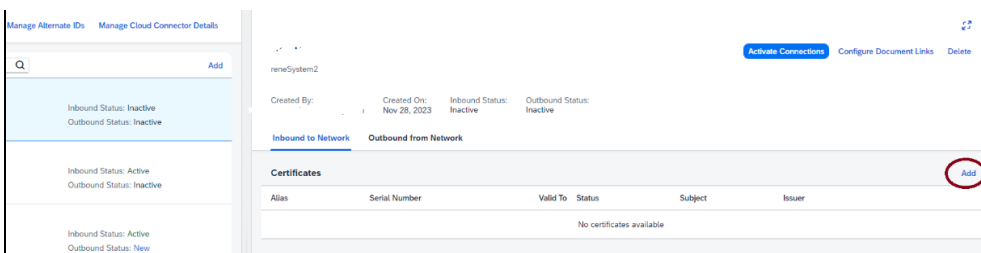
Go to your Business Network Material Traceability account, click on tile System Connections



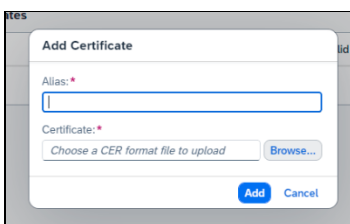
Add new connection, select ABAP-based system, define a Connection ID and System ID and press add.



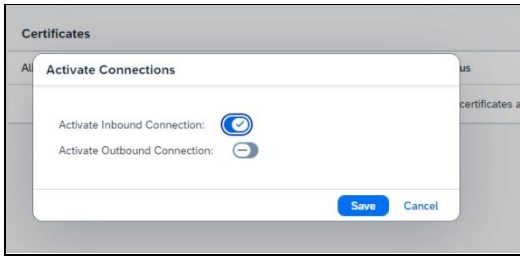
Press Add button on the right to add the certificate which has been downloaded.



Give it an alias and upload the Certificate.



Press Activate Connection, enable Activate Inbound Connection and Save your choice.



The outbound connection can stay inactive.

Appendix A - Create DSI-EDC Assets, Policies and Contract Definitions

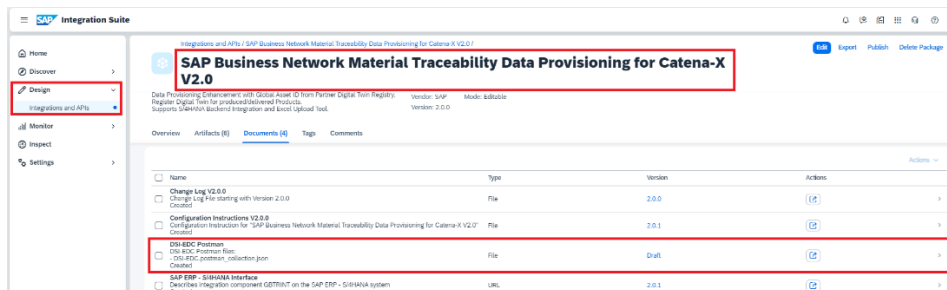
This document is a step-by-step instruction how to create the DSI Assets, Policies and Contract Definitions.

1. Download DSI-EDC Postman environment and collection files

1.1. From **Integration Suite** → **Design** → **Integrations and APIs**, select package **SAP Business Network Material Traceability Data Provisioning for Catena-X V2.0**



1.2. On **SAP Business Network Material Traceability Data Provisioning for Catena-X V2.0** page, select **Document** tab, then select **Actions** → **Download** for DSI-EDC Postman



1.3. DSI-EDC.postman_collection.zip file should be downloaded to your local folder

Name
DSI-EDC.postman_collection.zip

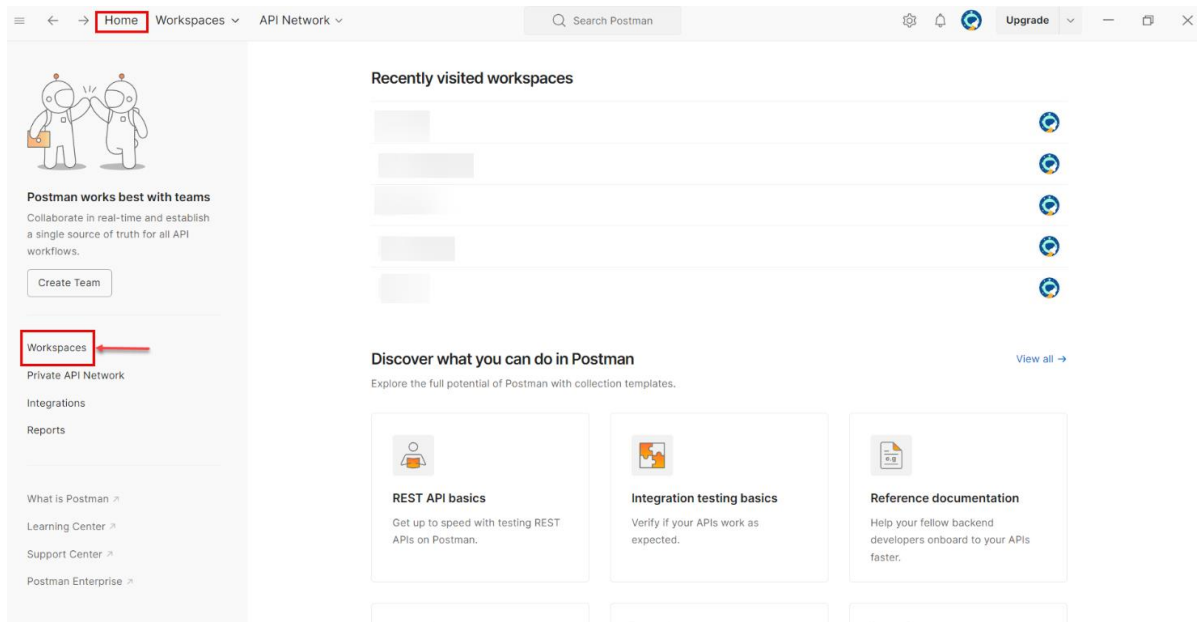
1.4. Unzip DSI-EDC.postman_collection.zip file with any archive app, for example: WinRAR, you should see following two files unzipped:

Name
DSI-EDC.postman_collection.json
DSI-EDC.postman_collection.zip

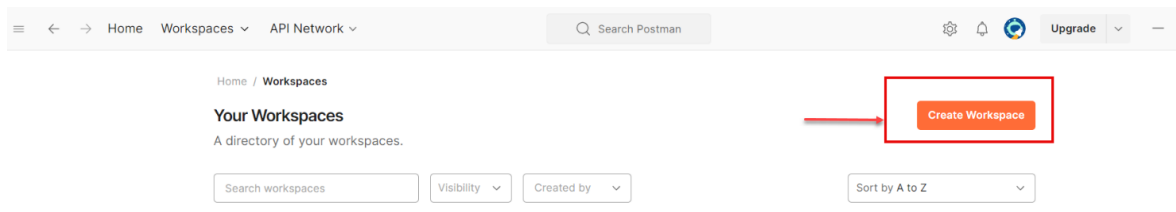
1.5. Save these two files which will be used in Postman setup in later steps

2. Create a workspace as following if you do not already have:

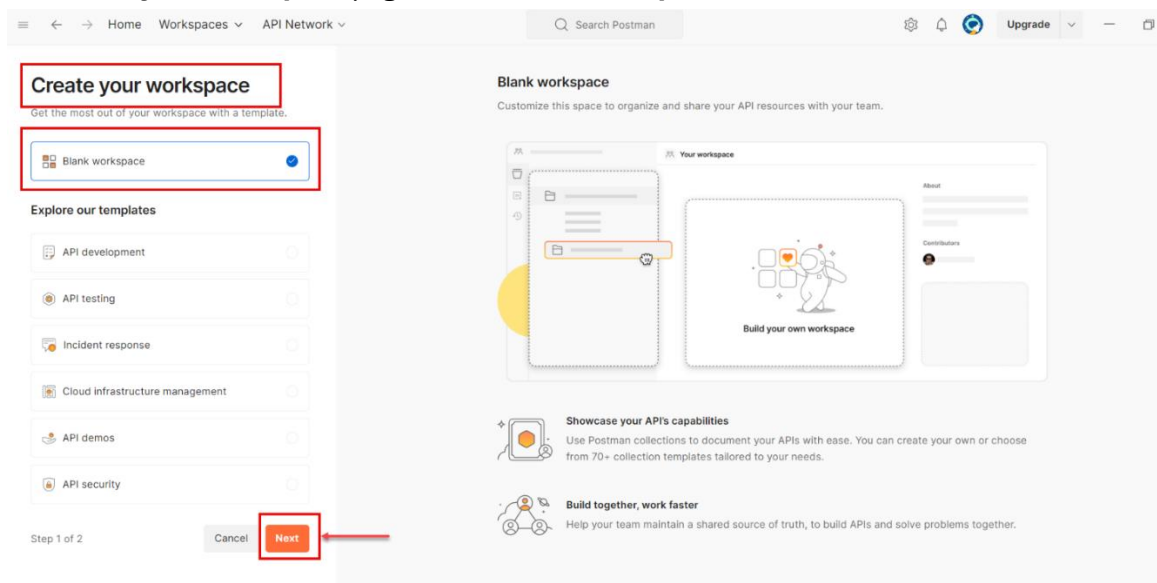
2.1. From Postman, select **Home** → **Workspaces**



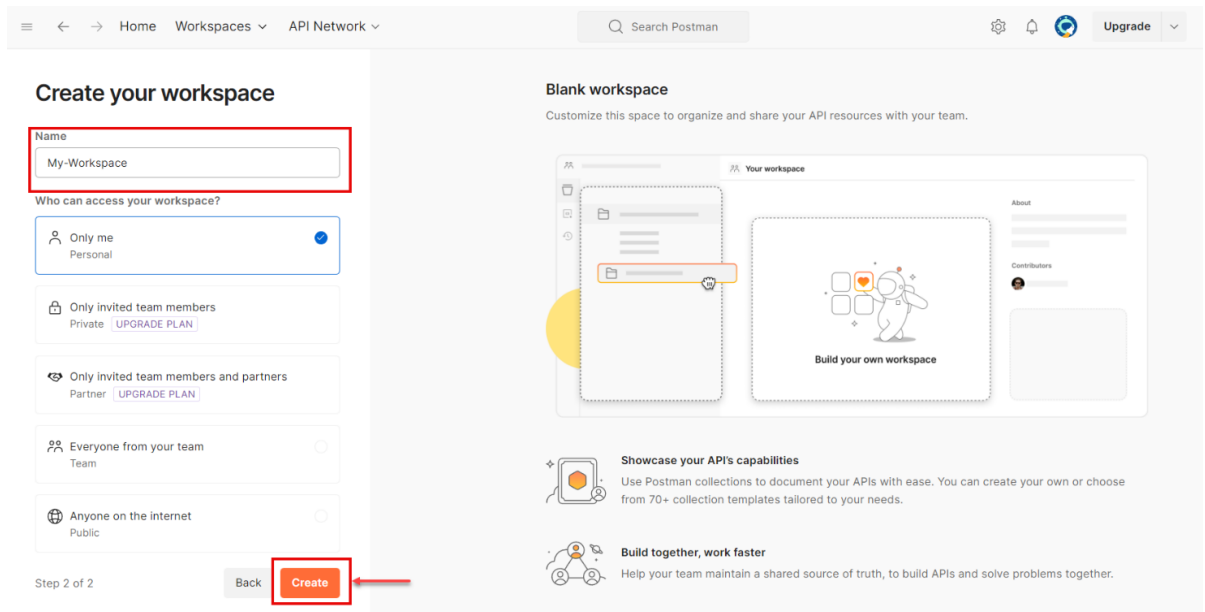
2.2. Select **Create Workspace** button



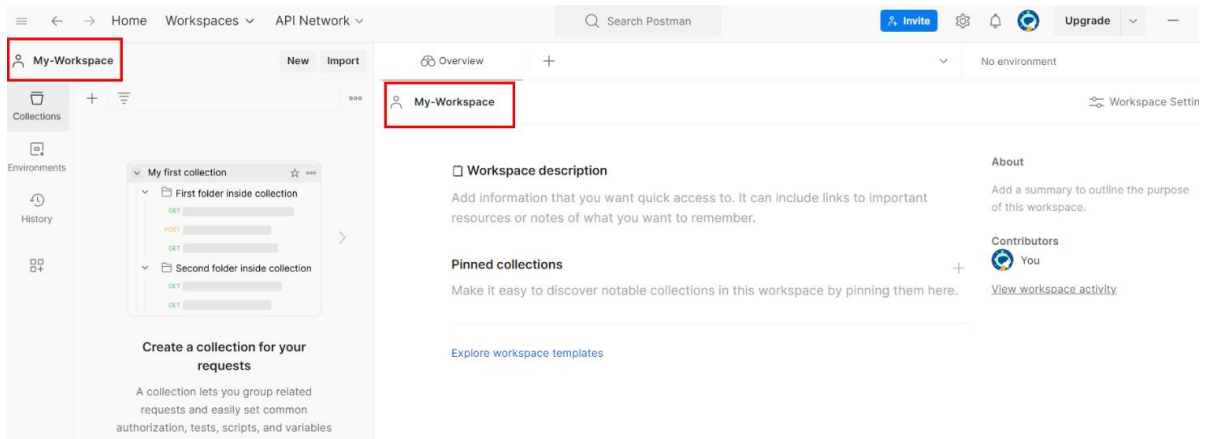
2.3. On **Create your workspace** page, select **Blank workspace**, then select **Next** button



2.4. Enter a meaningful **Name** of your workspace, for example My-Workspace, accept all default values and then select **Create** button

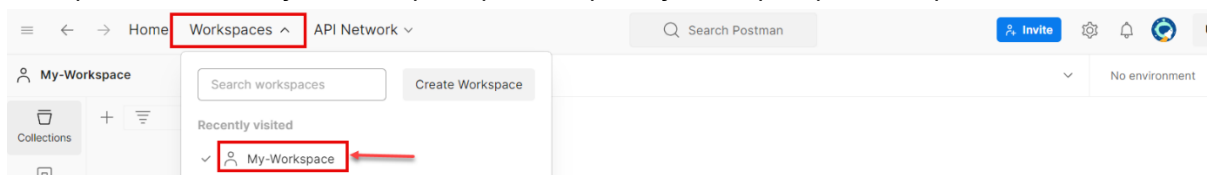


2.5. Workspace (for example: My-Workspace) created

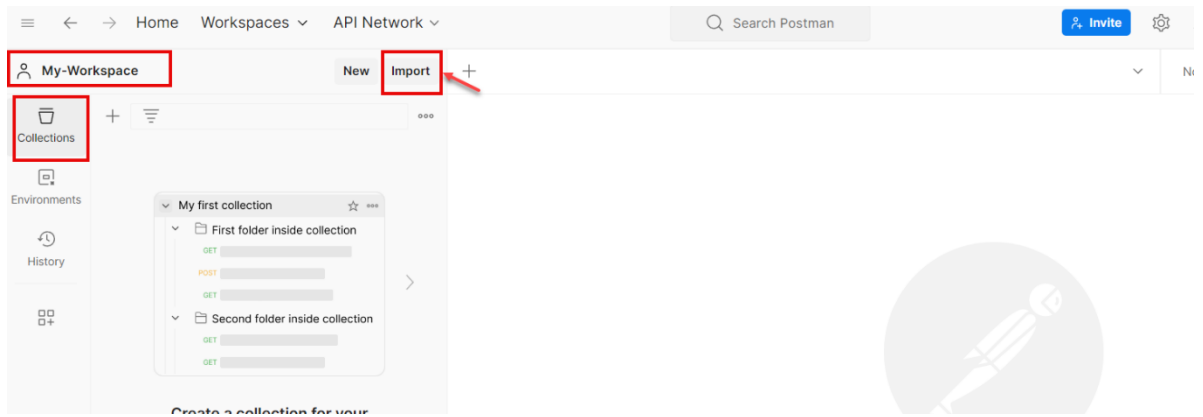


3. Import postman collection file (Ask SAP Catena-X team for this file if you do not already have)

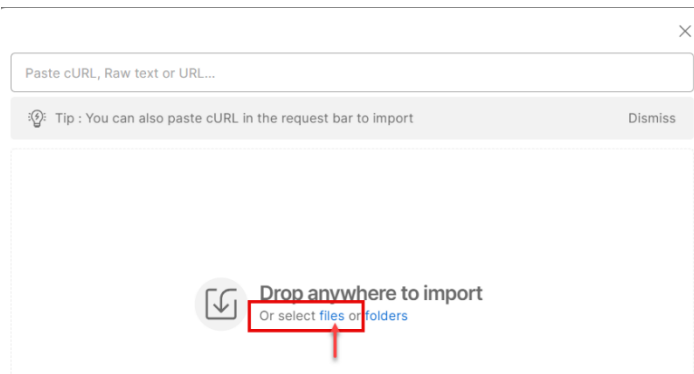
3.1. From postman, choose your workspace (for example: My-Workspace) from drop-down



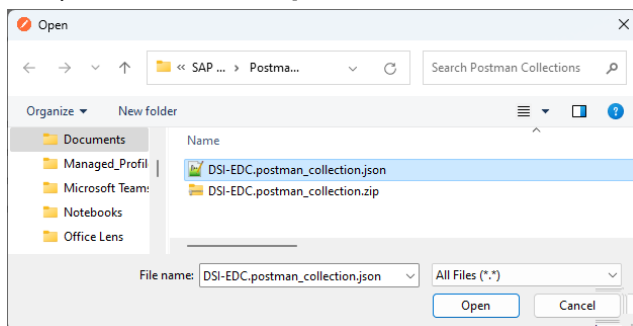
3.2. Within your workspace (for example: My-Workspace), select **Collections** on left side and then **Import** button



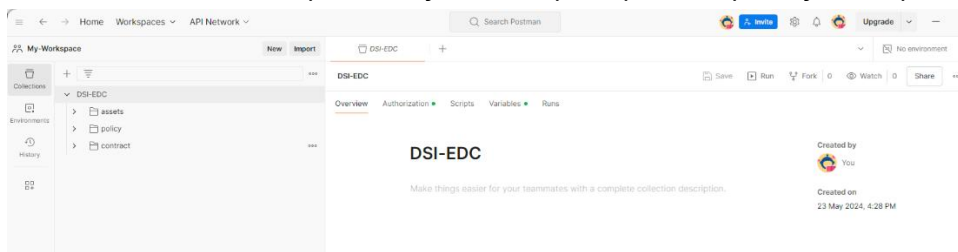
3.3. On popup window, choose select **files** link



3.4. On popup window explorer, find **DSI-EDC.postman.collection.json** file in local fold of your computer, then select **Open** button

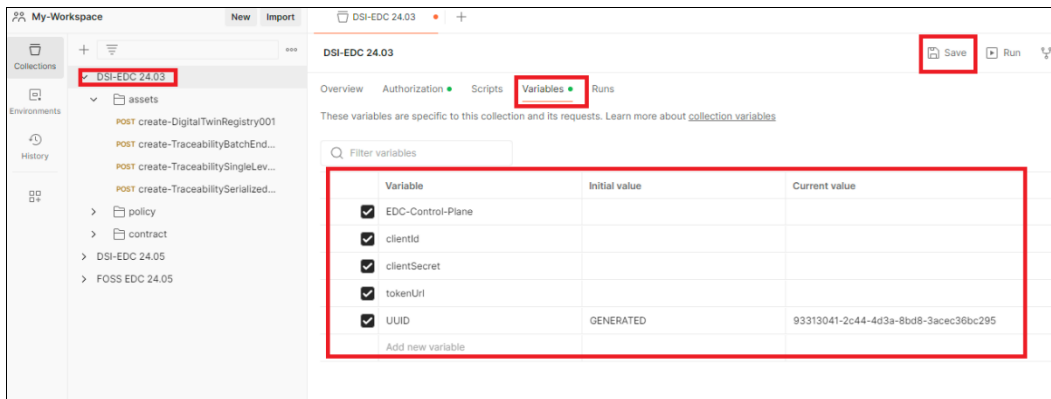


3.5. DSI-EDC collection file imported to your workspace (for example: My-Workspace)

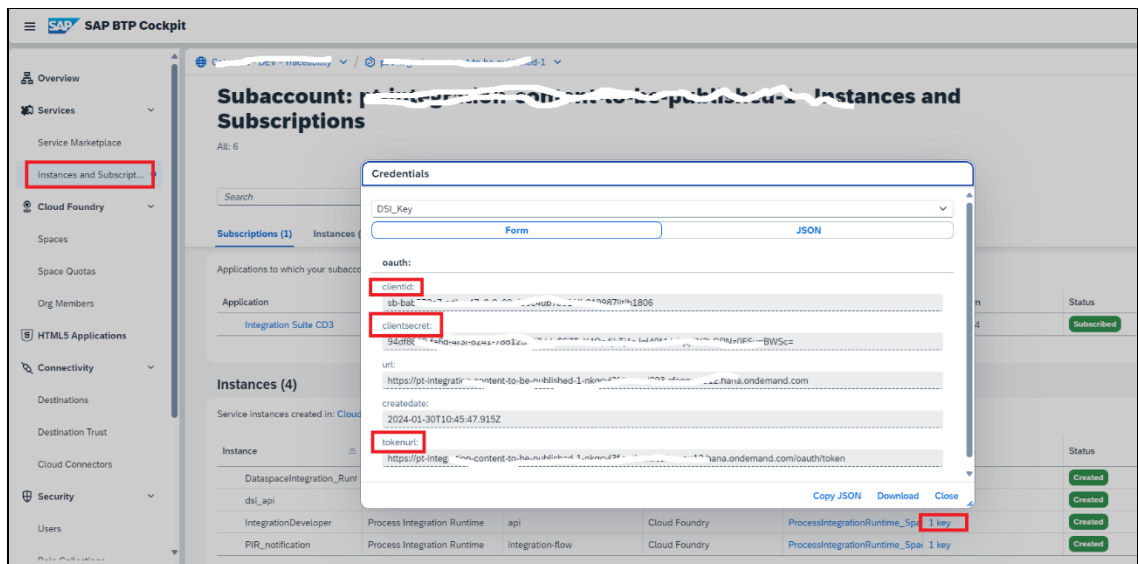


4. Configure Variables

4.1. From postman, in your workspace (for example: My-Workspace), select **DSI-EDC** on the left side and choose Variables tab, enter following information to **Current value column** and then select **Save** button:



- (1) **EDC-Control-Plane:** This is your DSI Control Plane Management URL. For non-SAP EDC, please contact your EDC administrator.
- (2) Get Credentials via BTP Cockpit of your BTP account where SAP Integration Suite is running. Go to "Instances and Subscriptions", search the service "Process Integration Runtime" with plan "api", if no key exists, go to "..", create service key and get the Credentials json.



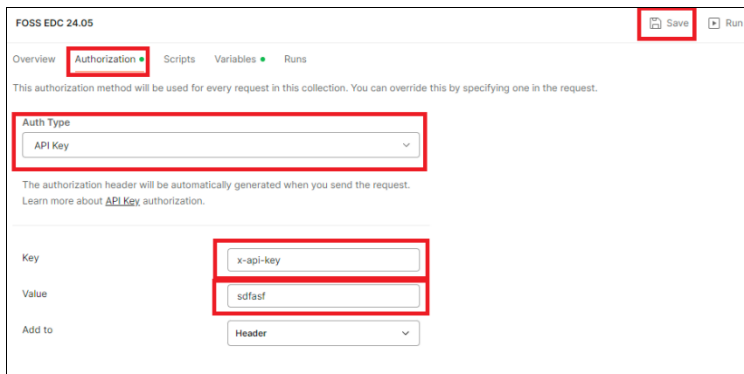
- (3) **clientId:** fill in the clientId
- (4) **clientSecret:** fill in clientsecret
- (5) **tokenUrl:** fill in the tokenUrl

5. Set Authentication

In this section you set the API Key or create an Access-Token that is used by each request in this Collection.

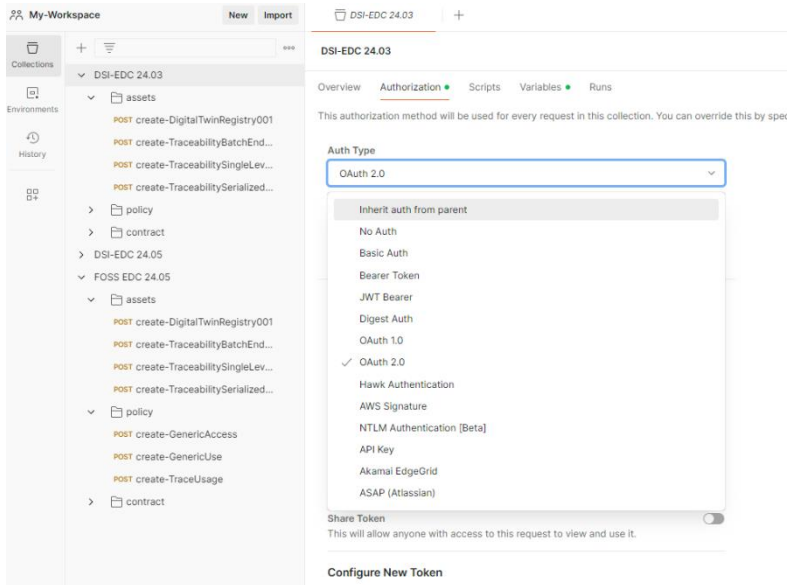
5.1. Authentication with API Key.

From postman → your workspace (for example: My-Workspace) → **Collections** → **DSI-EDC** select tab **Authentication**. Select the Auth Type you need. For FOSS EDC select API Key. Enter the Key name and the Value you have requested from your EDC team.



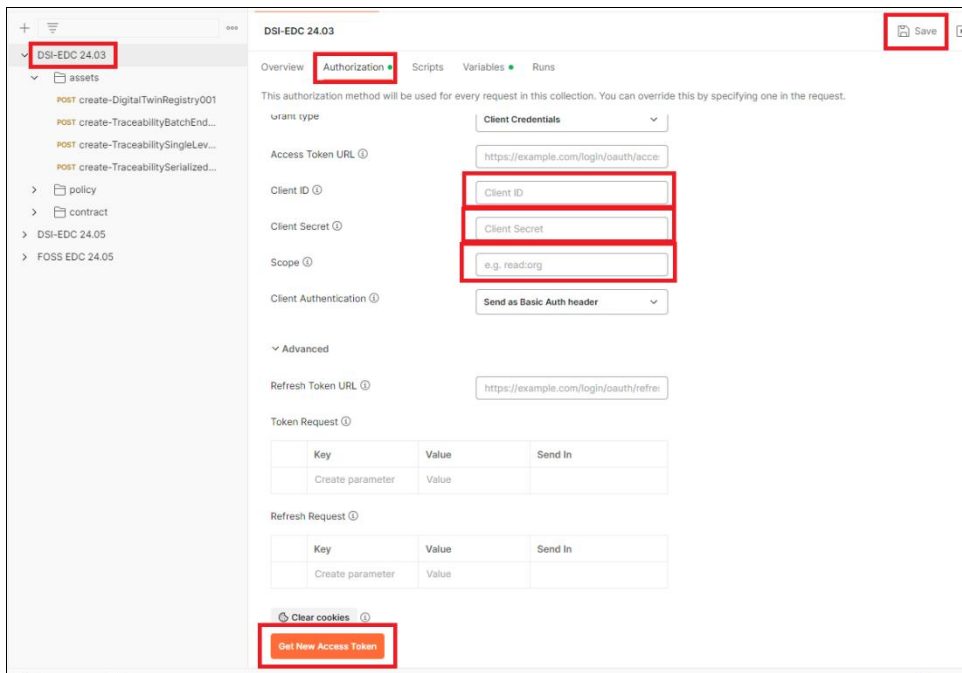
5.2. Authentication with OAuth 2.0 Token

From postman → your workspace (for example: My-Workspace) → **Collections** → **DSI-EDC** select tab **Authentication**. Select the Auth Type you need. For DSI select OAuth 2.0.



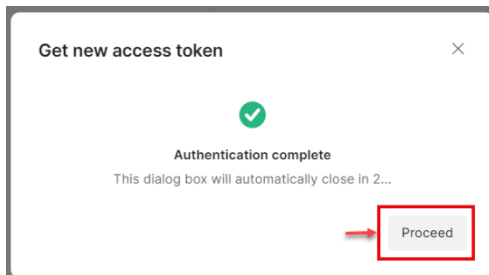
scroll down and enter Access Token URL, Client ID and Client Secret provided by your DSI Administrator and press Save.

Scroll down and select **Get New Access Token** button.

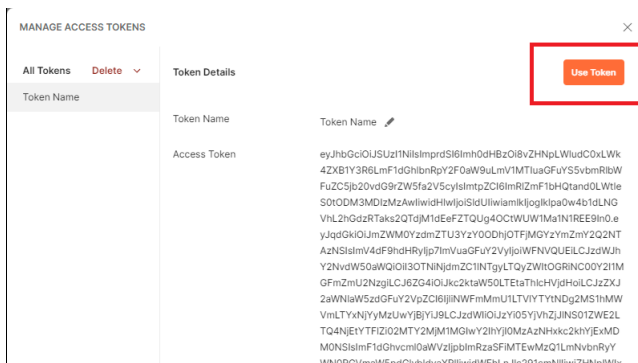


If the Access-Token has expired, request a new one by pressing **Get New Access Token**.

5.3. Token generated successfully and then select **Proceed** button



5.4. On **MANAGE ACCESS TOKENS** page, keep all default values and select **Use Token** button

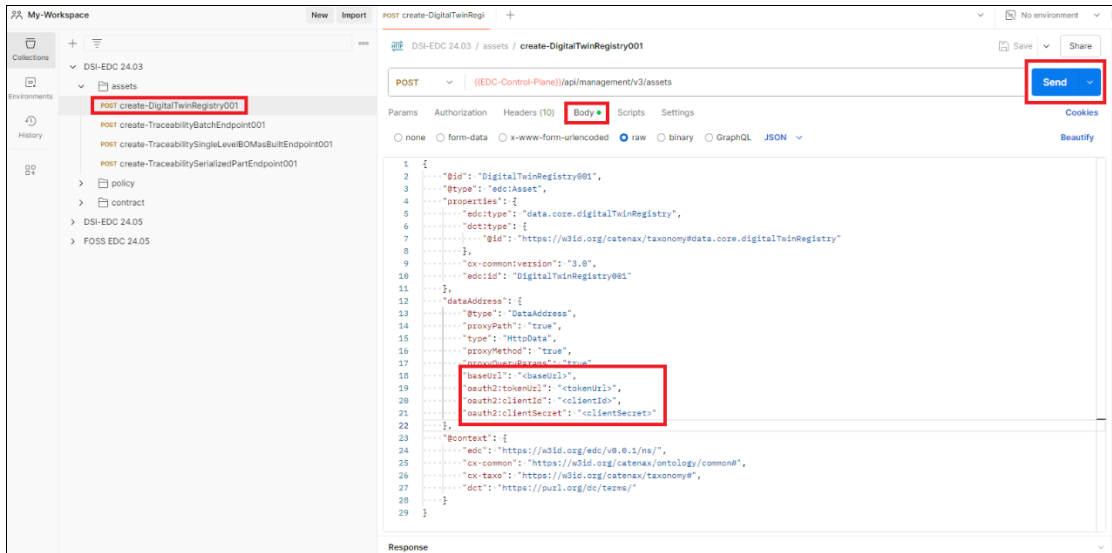


6. Create Assets

6.1. Create asset for **DigitalTwinRegistry001**

From postman your workspace (for example: My-Workspace) → **Collections** → **DSI-EDC** → **assets** → **create-DigitalTwinRegistry001**

You can rename this asset. It needs to be referenced also in the Configuration in the project “SAP Business Network Material Traceability Data Provisioning for Catena-X V2.0”



If you use Digital Twin Administration provided by SAP, please contact your Digital Twin Administration owner to get the following data for the Consumer Scenario: TokenUrl, ClientId and ClientSecret.

If you face any issues, please contact the Digital Twin Administration Support under: digital-twin-administration-support@sap.com

In case of the FOSS Digital Twin Registry, please contact the DTR Administrator for this information.

baseUrl: enter the Url for your Decentral Digital Twin Registry.

oauth:tokenUrl: enter the token Url provided

oauth:clientId: enter the clientId for DTA consumer provided

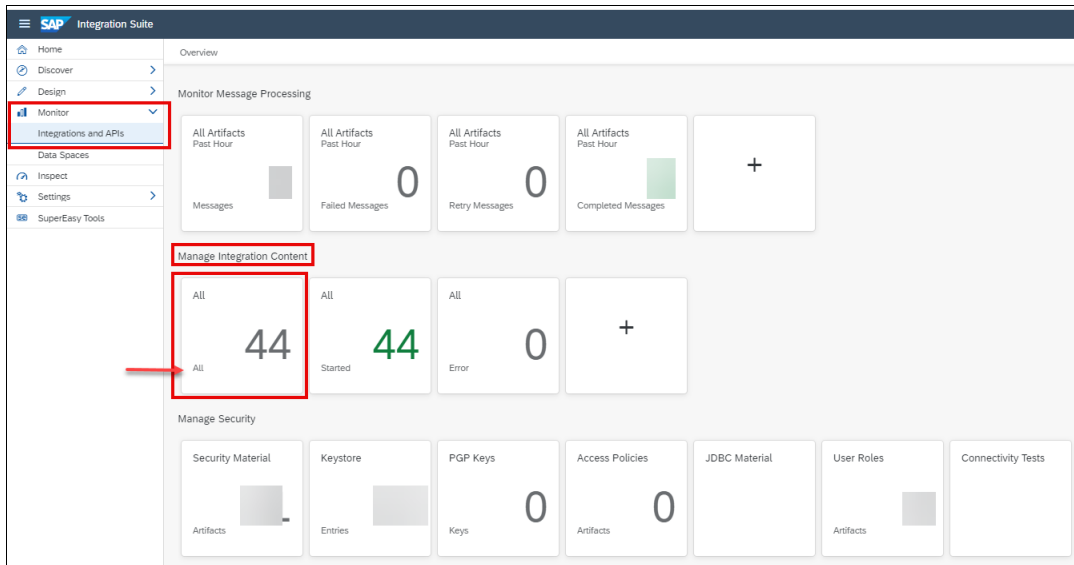
oauth:clientSecret: enter clientSecret for DTA consumer provided

Select **Send** button, if asset created successfully, status should show **200 OK**

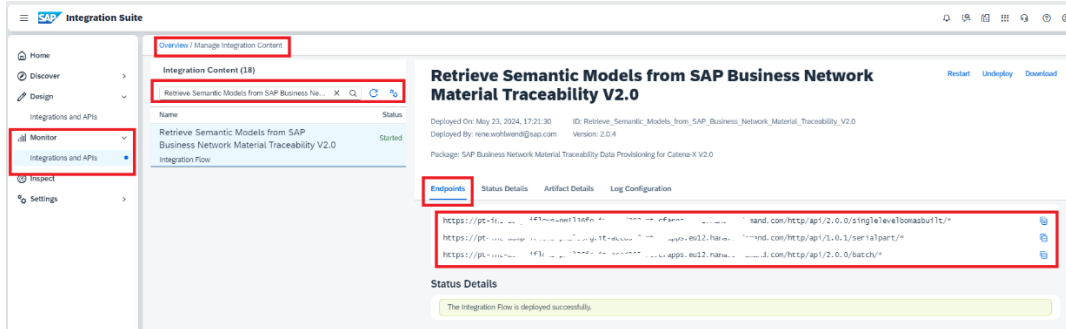
6.2. Create Assets for the Semantic Models - Batch, SerialPart and SingleLevelBomAsBuil

Find the baseUrls for these Semantic Models. These Urls need to be entered in the corresponding payload of the Asset.

From Integration Suite → Monitor → Integrations and APIs, select All tile under Manage Integration Content



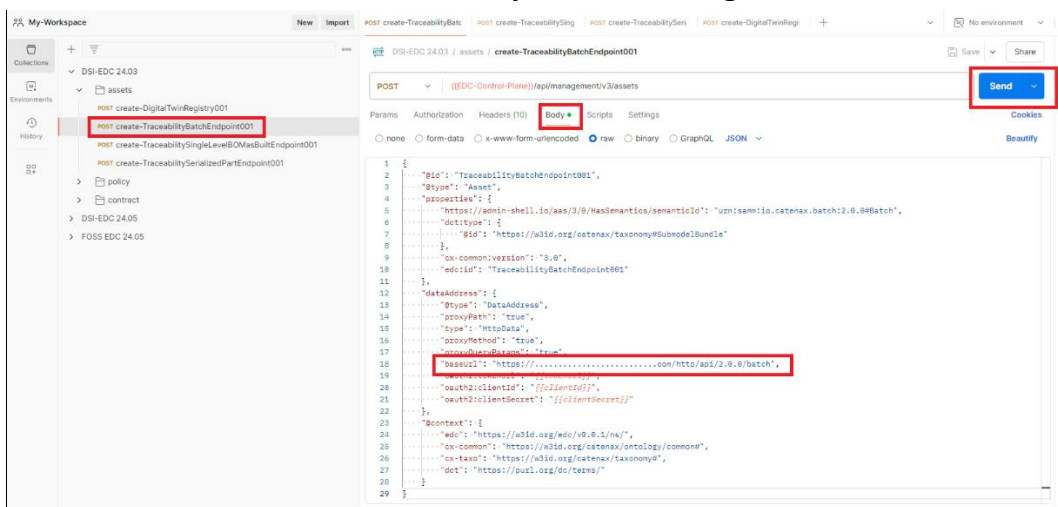
On Overview/Manage Integration Content page, search Retrieve Semantic Models from SAP Business Network Material Traceability V2.0. Select Endpoints tab. These endpoints are the baseUrl entered for the different Semantic Model functions. Click on Copy icon on right side



6.3. Create asset for **TraceabilityBatchEndpoint001**

From postman your workspace (for example: My-Workspace) → Collections → DSI-EDC → assets → create-TraceabilityBatchEndpoint001

You can rename this asset. It needs to be referenced also in the Configuration in the project “SAP Business Network Material Traceability Data Provisioning for Catena-X V2.0”



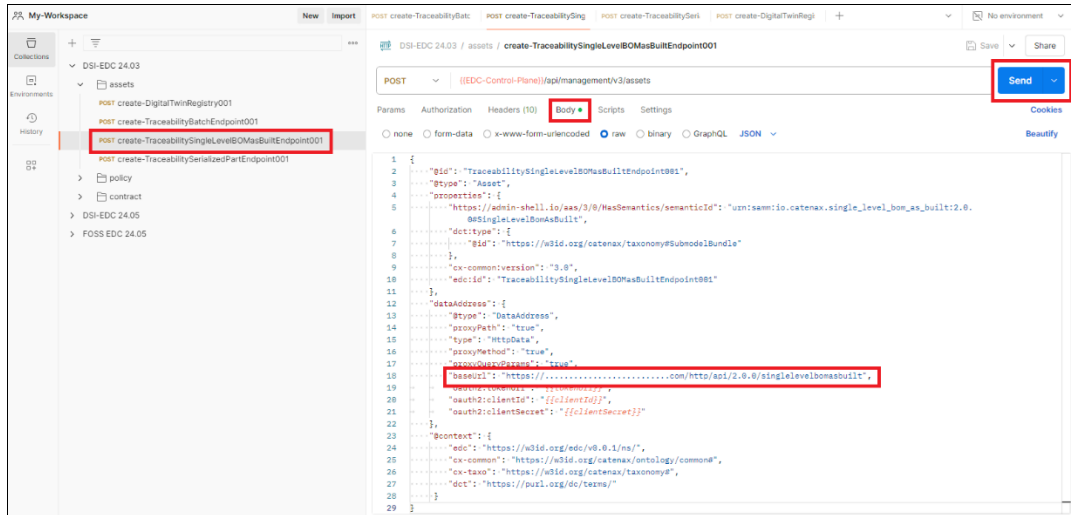
baseUrl: enter the Url for the corresponding Semantic Model for Batch from section 6.1.

Select **Send** button, if asset created successfully, status should show **200 OK**

6.4. Create asset for **TraceabilitySingleLevelBOMasBuiltEndpoint001**

From postman your workspace (for example: My-Workspace) → **Collections** → **DSI-EDC** → **assets** → **create-TraceabilitySingleLevelBOMasBuiltEndpoint001**

You can rename this asset. It needs to be referenced also in the Configuration in the project “SAP Business Network Material Traceability Data Provisioning for Catena-X V2.0”



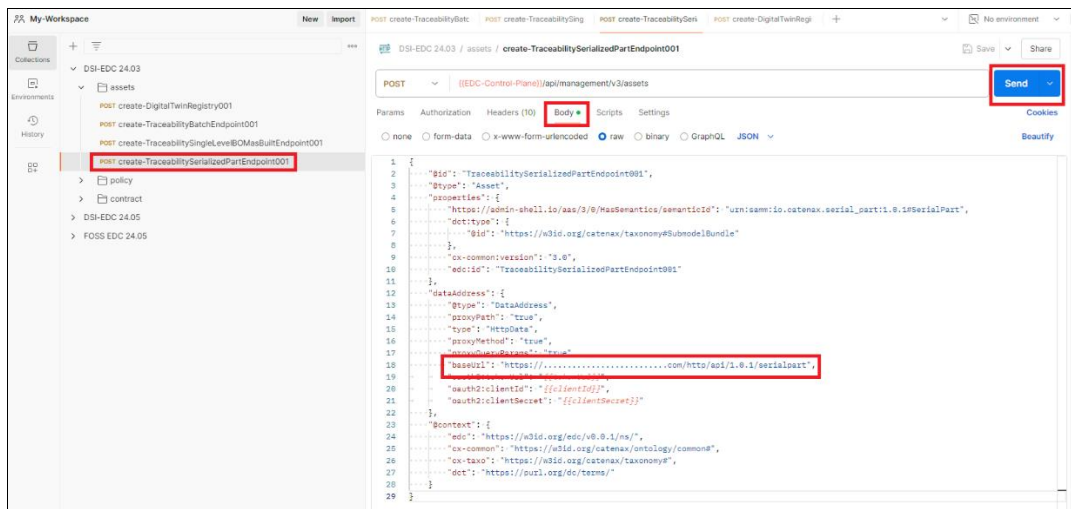
baseUrl: enter the Url for the corresponding Semantic Model for SingleLevelBomAsBuilt from section 6.1.

Select **Send** button, if asset created successfully, status should show **200 OK**

6.5. Create asset for **TraceabilitySerializedPartEndpoint001**

From postman your workspace (for example: My-Workspace) → **Collections** → **DSI-EDC** → **assets** → **create-TraceabilitySerializedPartEndpoint001**

You can rename this asset. It needs to be referenced also in the Configuration in the project “SAP Business Network Material Traceability Data Provisioning for Catena-X V2.0”



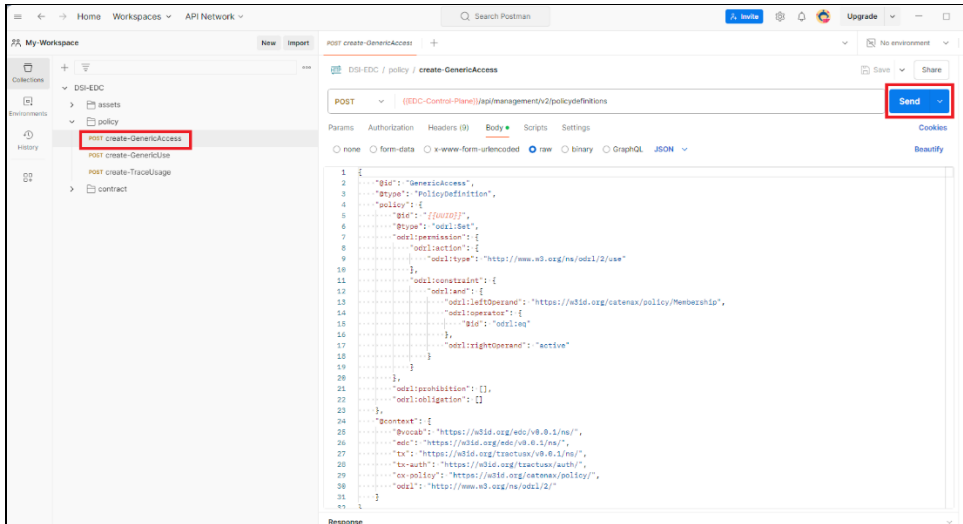
baseUrl: enter the Url for the corresponding Semantic Model for SerialPart from section 6.1.

Select **Send** button, if asset created successfully, status should show **200 OK**

7. Create Policies

7.1. Create policy for Generic Access

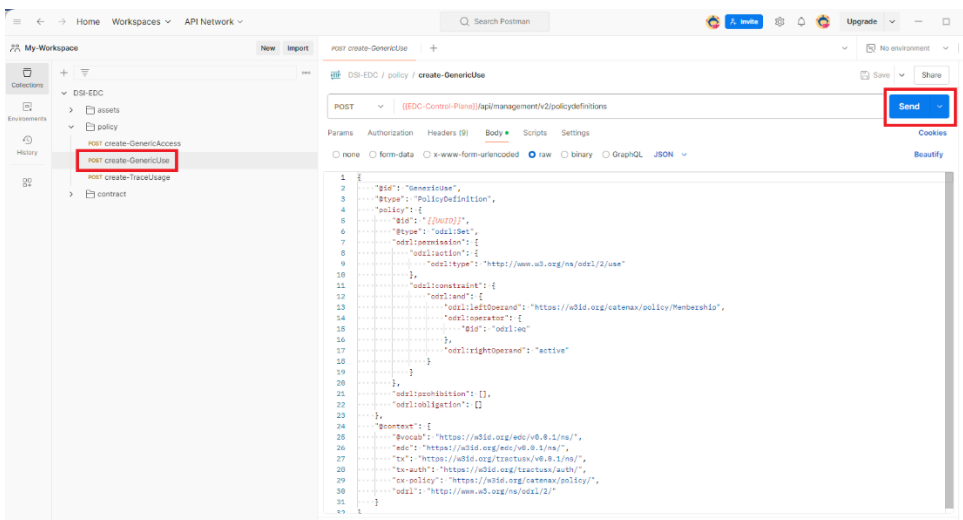
From postman your workspace (for example: My-Workspace) → **Collections** → **DSI-EDC** → **policy** → **create-GenericAccess**.



Select on **Send** button, if policy created successfully, status should show **200 OK**

7.2. Create policy for Generic Use

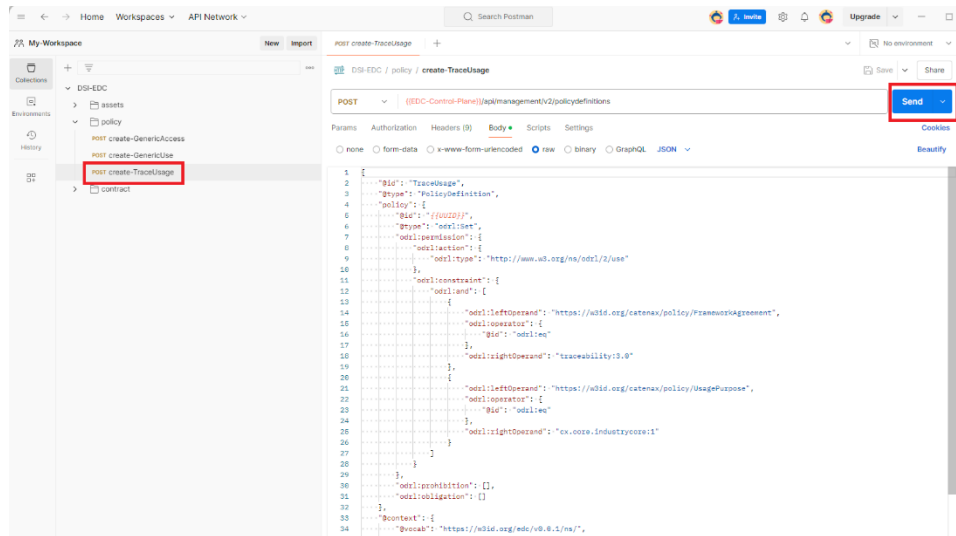
From postman your workspace (for example: My-Workspace) → **Collections** → **DSI-EDC** → **policy** → **create-GenericUse**.



Select on **Send** button, if policy created successfully, status should show **200 OK**

7.3. Create policy for Trace Usage

From postman your workspace (for example: My-Workspace) → **Collections** → **DSI-EDC** → **policy** → **create-TraceUsage**.

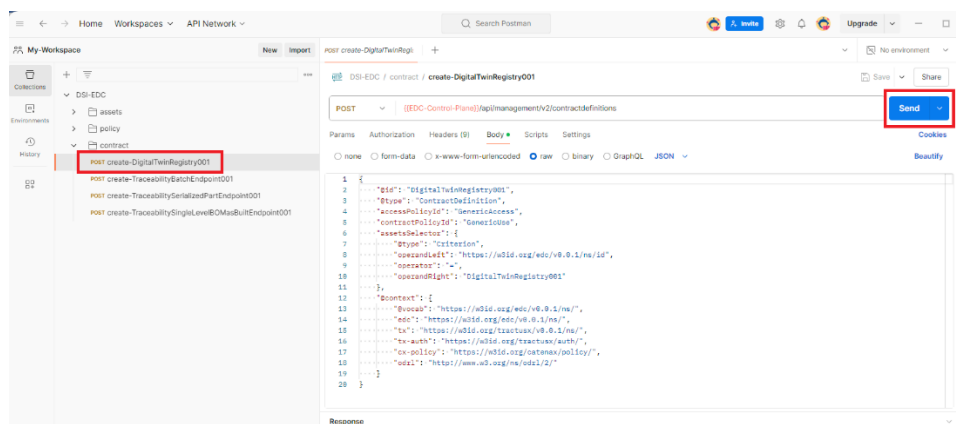


Select on **Send** button, if policy created successfully, status should show **200 OK**

8. Create Contract Definitions

8.1. Create contract definition for DigitalTwinRegistry001

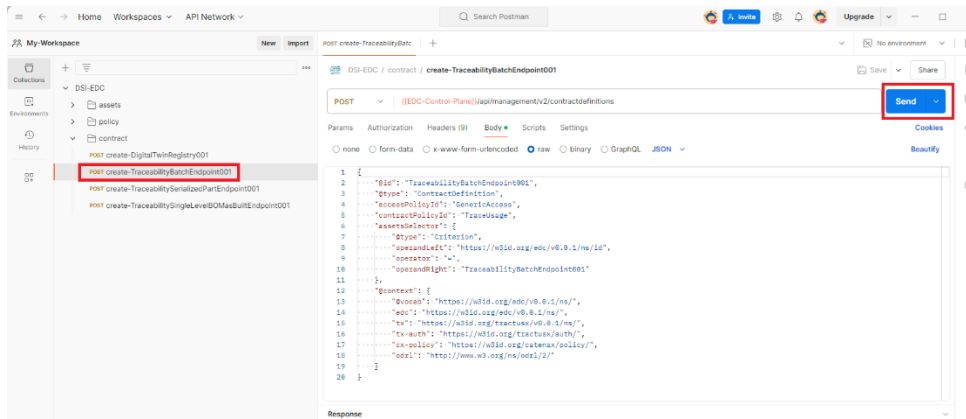
From postman your workspace (for example: My-Workspace) → **Collections** → **DSI-EDC** → **contract** → **create-DigitalTwinRegistry001**



Select on **Send** button, if policy created successfully, status should show **200 OK**

8.2. Create contract definition for TraceabilityBatchEndpoint001

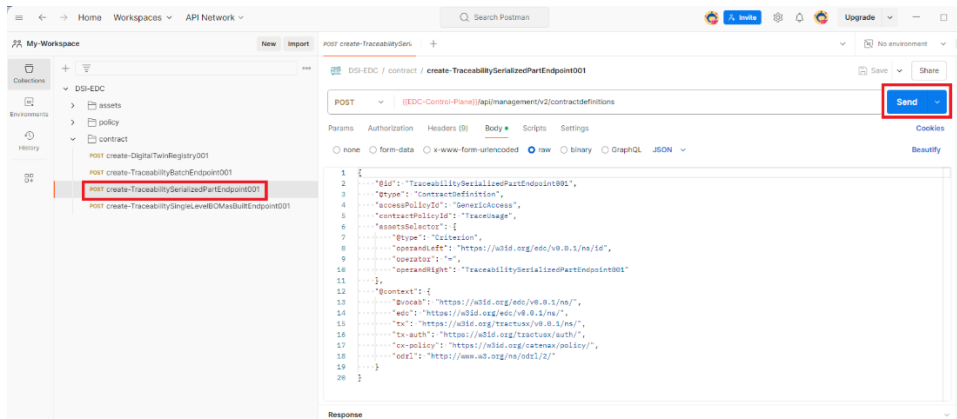
From postman your workspace (for example: My-Workspace) → **Collections** → **DSI-EDC** → **contract** → **create-TraceabilityBatchEndpoint001**



Select on **Send** button, if policy created successfully, status should show **200 OK**

8.3. Create contract definition for TraceabilitySerializedPartEndpoint001

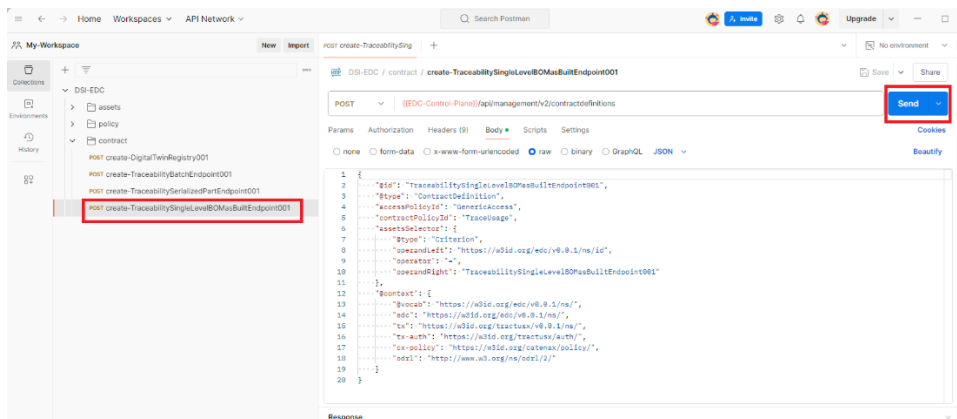
From postman your workspace (for example: My-Workspace) → **Collections** → **DSI-EDC** → **contract** → **create-TraceabilitySerializedPartEndpoint001**



Select on **Send** button, if policy created successfully, status should show **200 OK**

8.4. Create contract definition for TraceabilitySingleLevelBOMasBuiltEndpoint001

From postman your workspace (for example: My-Workspace) → **Collections** → **DSI-EDC** → **contract** → **create-TraceabilitySingleLevelBOMasBuiltEndpoint001**



Select on **Send** button, if policy created successfully, status should show **200 OK**