

Testing Journey-Service

Assumptions

- Questionnaire approved
- APIM registration done -> you have your specific credentials for INT and/or PROD access
- Your favorite JSON/REST Test-Tool is installed (we use Postman for this sample)

Facts

Client credentials

| Field | INT | PROD |
|---------------|--|--|
| Client ID | Your registered value from https://developer-int.sbb.ch/home | Your registered value from https://developer.sbb.ch/home |
| Client Secret | Dito | Dito |

Authentication provider

| APIM-Environ ment | Single-Sign-On URL | Access Token URL |
|-------------------|---|---|
| INT | https://sso-int.sbb.ch/auth/realms/SBB_Public/protocol/openid-connect/auth | https://sso-int.sbb.ch/auth/realms/SBB_Public/protocol/openid-connect/token |
| PROD | https://sso.sbb.ch/auth/realms/SBB_Public/protocol/openid-connect/auth | https://sso.sbb.ch/auth/realms/SBB_Public/protocol/openid-connect/token |

Also see: https://sso-int.sbb.ch/auth/realms/SBB_Public/.well-known/openid-configuration

Token handling

To perform your desired client-request, you need a valid Token generated by APIM to be transferred with each call. The Token must be renewed if not valid any more by your client-application.

Type: OAuth 2.0

Handle HttpStatus faults such as:

- 401 Unauthorized (for e.g. missing or bad APIM credentials)
- 403 Forbidden if your APIM Plan was accepted, you should get access to all APIs having the configured plan at registration.
 - `"Client has no permission:..."`: each environment APIM@TEST, APIM@INT, APIM@PROD must have been registered separately and therefore the appropriate ClientID differs
- 500 Internal Server Error
 - `"JWT expired at ..."`: a bearer token must be refreshed from time to time and make sure you set the current token for your specific queries such as v2/trips request)
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Remark:

- We reserve the right to revoke your access in case of violation or disagreement in licencing.

Test Journey-Service access

Getting an APIM Token using Postman

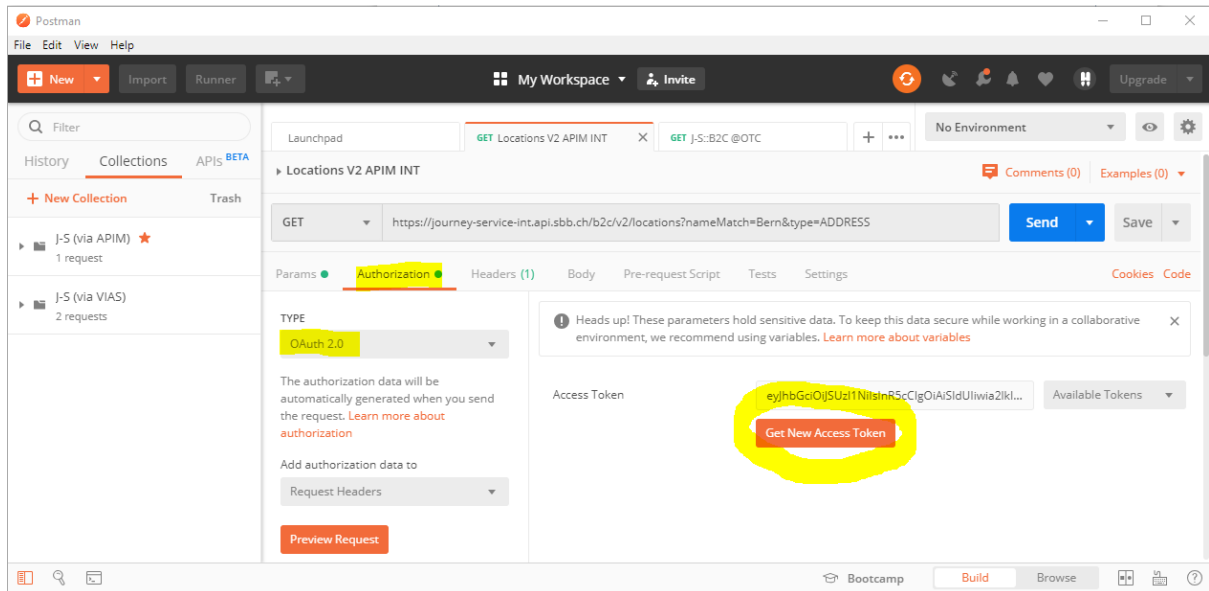


Figure 1 - Get a new APIM access Token (perhaps press "Preview Request" to see actualized data)

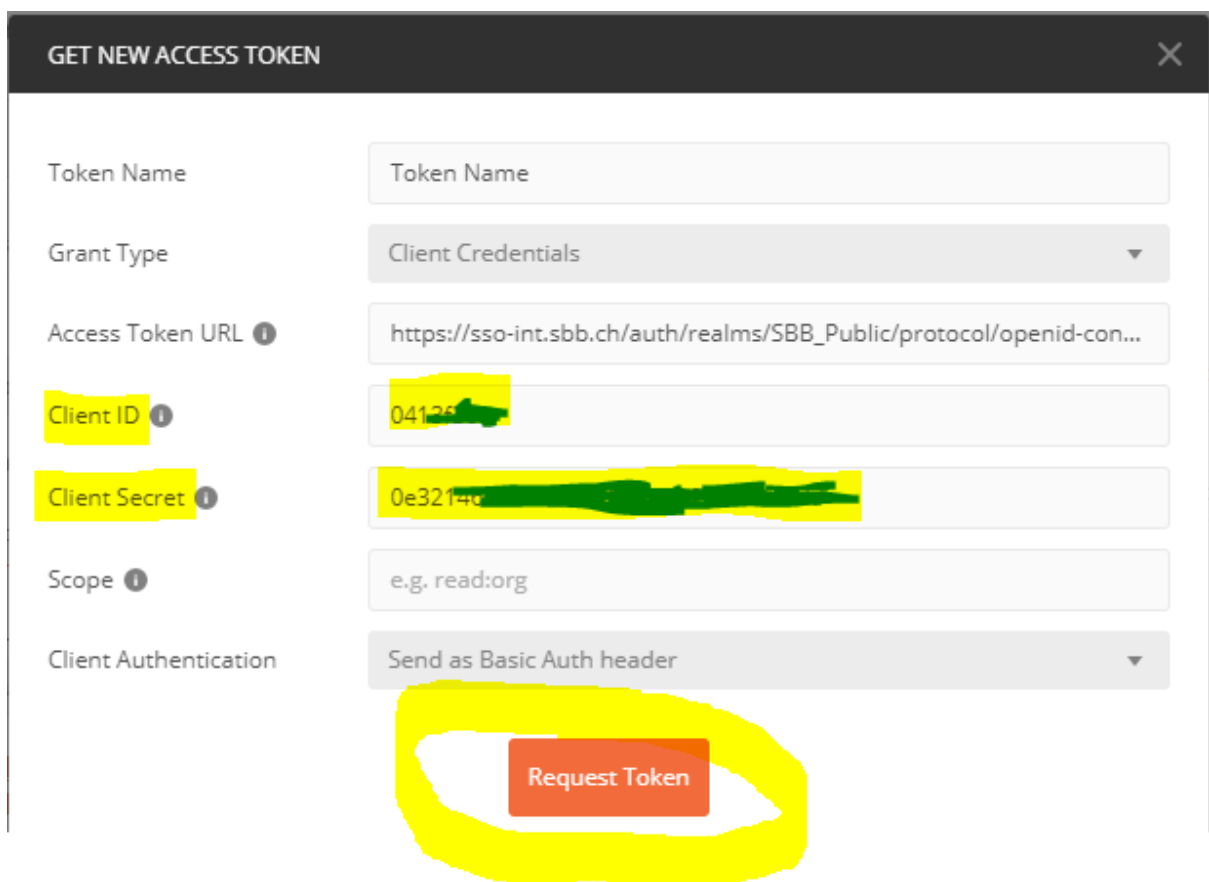


Figure 2 - add your secrets from APIM registration

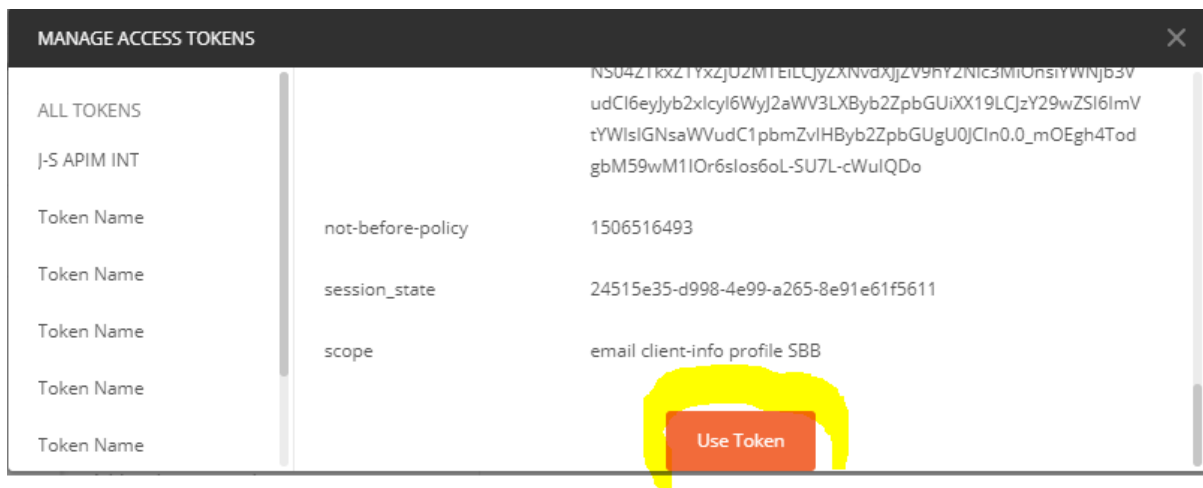


Figure 3 - in Postman there is this convenience button

Do a real Journey-Service request

Fill in request-properties according to swagger-doc.

In this sample we demonstrate access to /v2/locations

Header fields (if any):

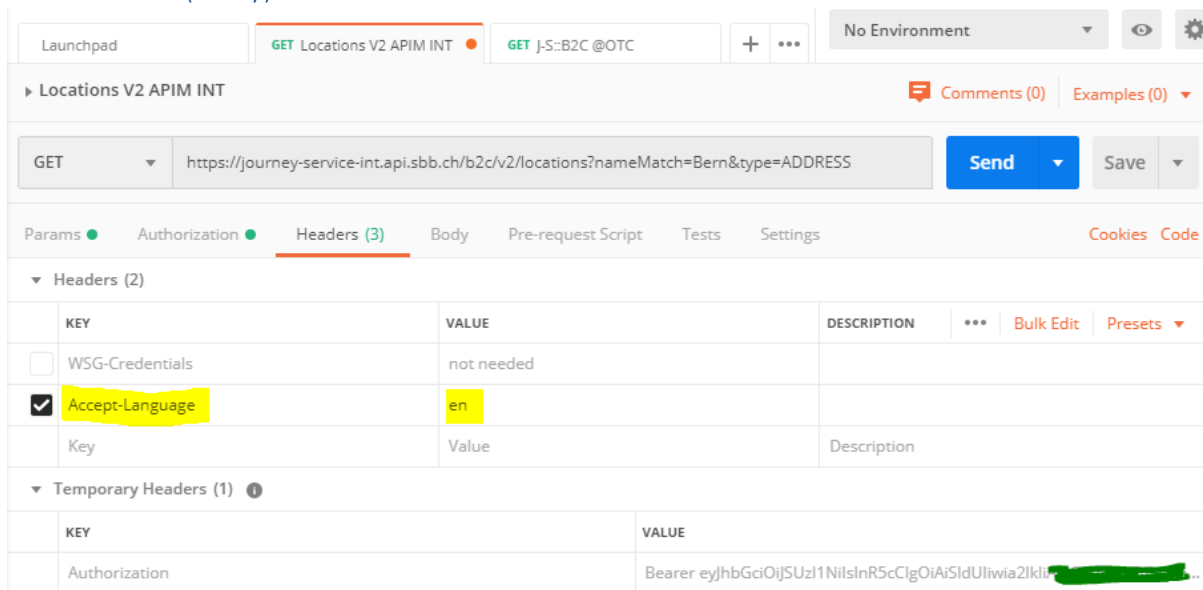


Figure 4 - "WSG-Credentials" will be set by APIM automatically

POST params (if any):

Locations V2 APIM INT

Comments (0)

E

GET

https://journey-service-int.api.sbb.ch/b2c/v2/locations?nameMatch=Bern&type=ADDRESS

Send

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

Query Params

| | KEY | VALUE | DESCRIPTION |
|-------------------------------------|-----------|---------|-------------|
| <input checked="" type="checkbox"/> | nameMatch | Bern | |
| <input checked="" type="checkbox"/> | type | ADDRESS | |
| | Key | Value | Description |

Figure 5 - specific parameters serving your needs per API