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

Remarks:

- We do not grant PROD ClientId only, please test your code against INT first! Once it is running you might access PROD as well
- Each Environment needs its own ClientId, therefore you need to register separately
- Do not perform any stress- or nonsense-tests against PROD unless you have a deal with journey-service@sbb.ch

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

Authentication provider

APIM- Environ	Single-Sign-On URL	Access Token URL
ment		
INT	https://sso-	https://sso-
	int.sbb.ch/auth/realms/SBB_Public/proto	int.sbb.ch/auth/realms/SBB_Public/proto
	col/openid-connect/auth	col/openid-connect/token
PROD	https://sso.sbb.ch/auth/realms/SBB Publ	https://sso.sbb.ch/auth/realms/SBB Publ
	ic/protocol/openid-connect/auth	ic/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
 - o "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

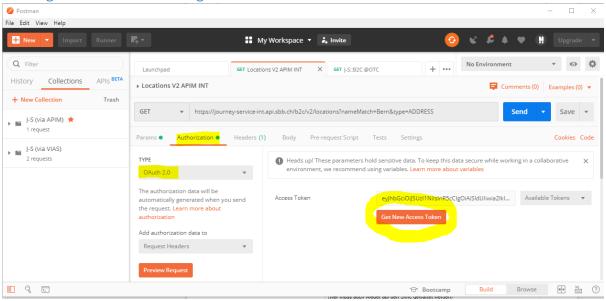


Figure 1 - Get a new APIM access Token (perhaps press "Preview Request" to see actualized data)

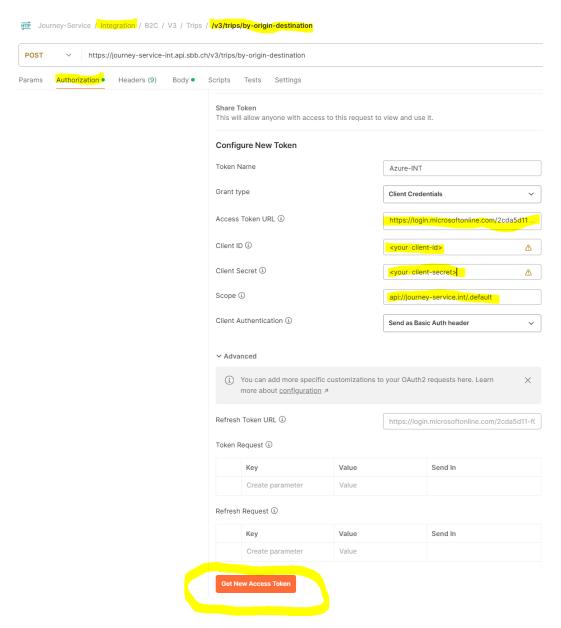


Figure 2 - add your secrets from APIM registration

MANAGE ACCESS TOKENS			×
ALL TOKENS I-S APIM INT		NSU4ZTKXZTYXZJUZMTEILCJYZXNVdXJjZV9hYZNIC3MiUnsiYWNjb3V udCl6eyJyb2xlcyl6WyJ2aWV3LXByb2ZpbGUiXX19LCJzY29wZSl6ImV tYWIsIGNsaWVudC1pbmZvIHByb2ZpbGUgU0JCIn0.0_mOEgh4Tod	
Token Name	not-before-policy	gbM59wM1IOr6slos6oL-SU7L-cWuIQDo 1506516493	
Token Name	session_state	24515e35-d998-4e99-a265-8e91e61f5611	
Token Name	scope	email client-info profile SBB	
Token Name			- 1
Token Name		Use Token	

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):

Journey-Service / Integration / B2C / V3 / Trips / /v3/trips/by-origin-destination

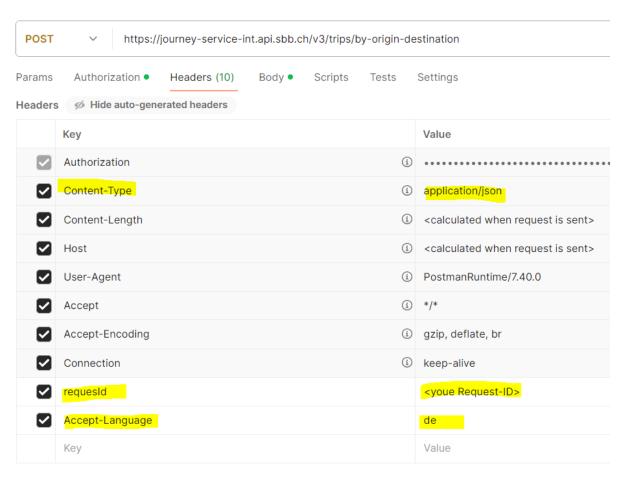


Figure 4 – Header-sample

POST params (if any):

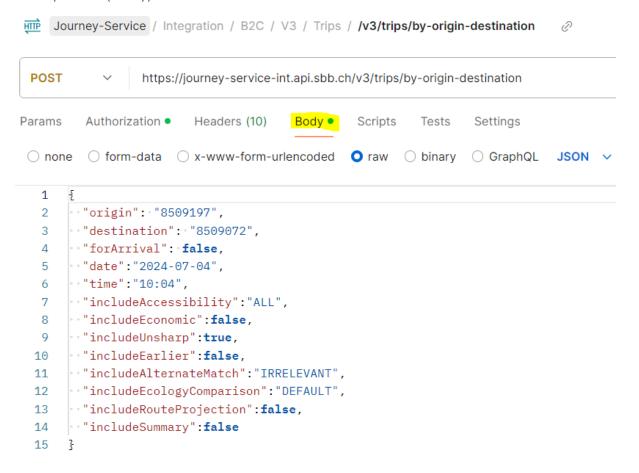


Figure 5 - specific parameters serving your needs per API