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Instructions to use CAPIF APIs with Postman

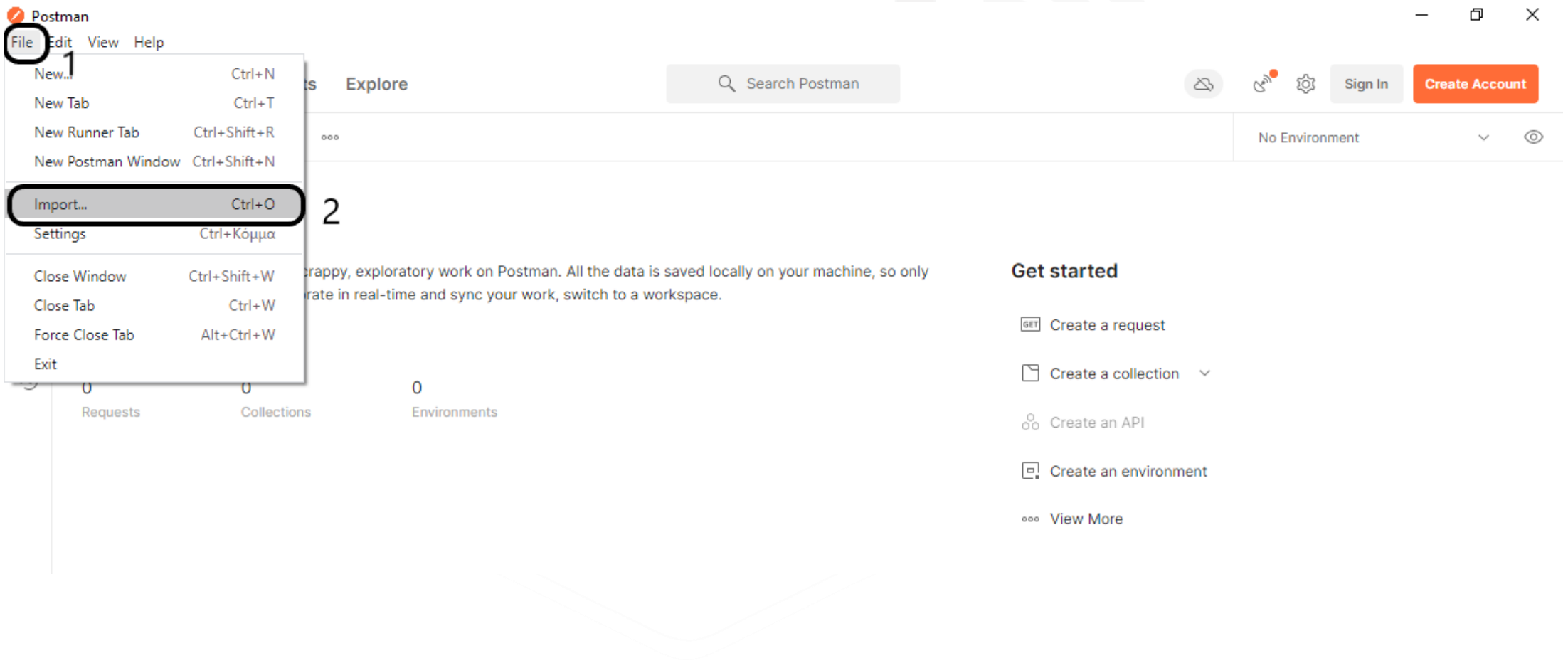
EVOLVED-5G

Prerequisites

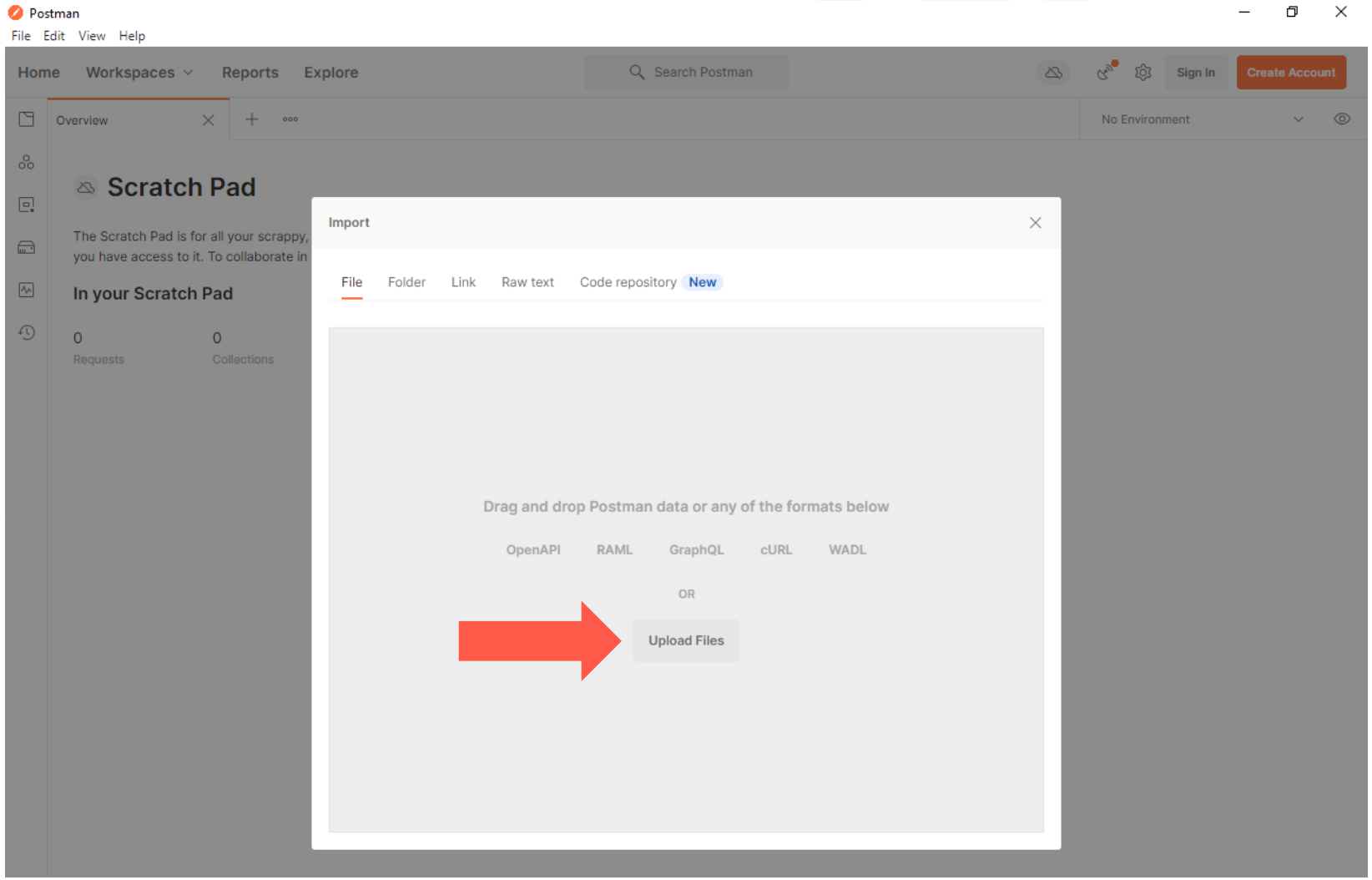
- Install POSTMAN
  - Postman is an API platform for building and using APIs.
  - Download from: https://www.postman.com/downloads/
    (for Linux distros, POSTMAN is available also in the corresponding Software Center Application)

- Clone CAPIF Tool from Github and deploy

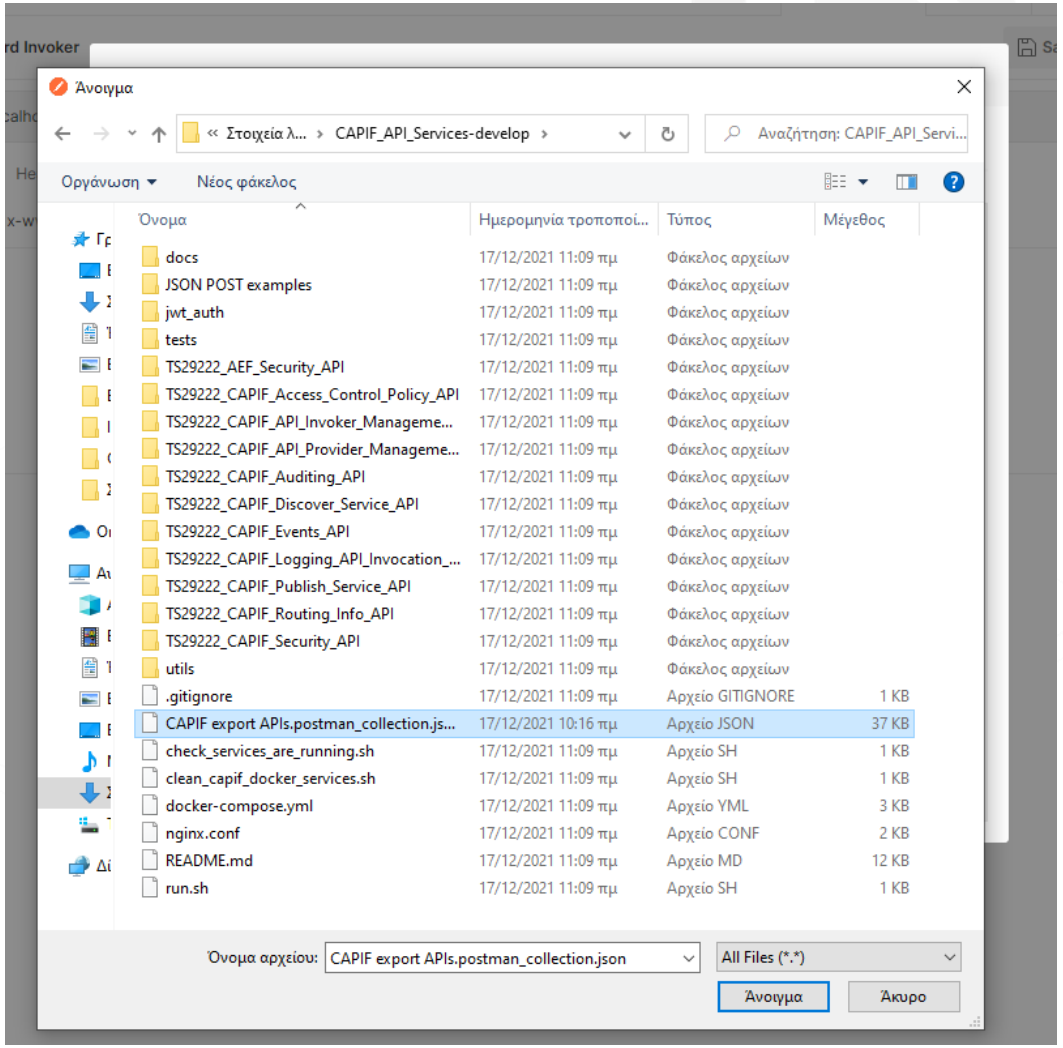
Open POSTMAN



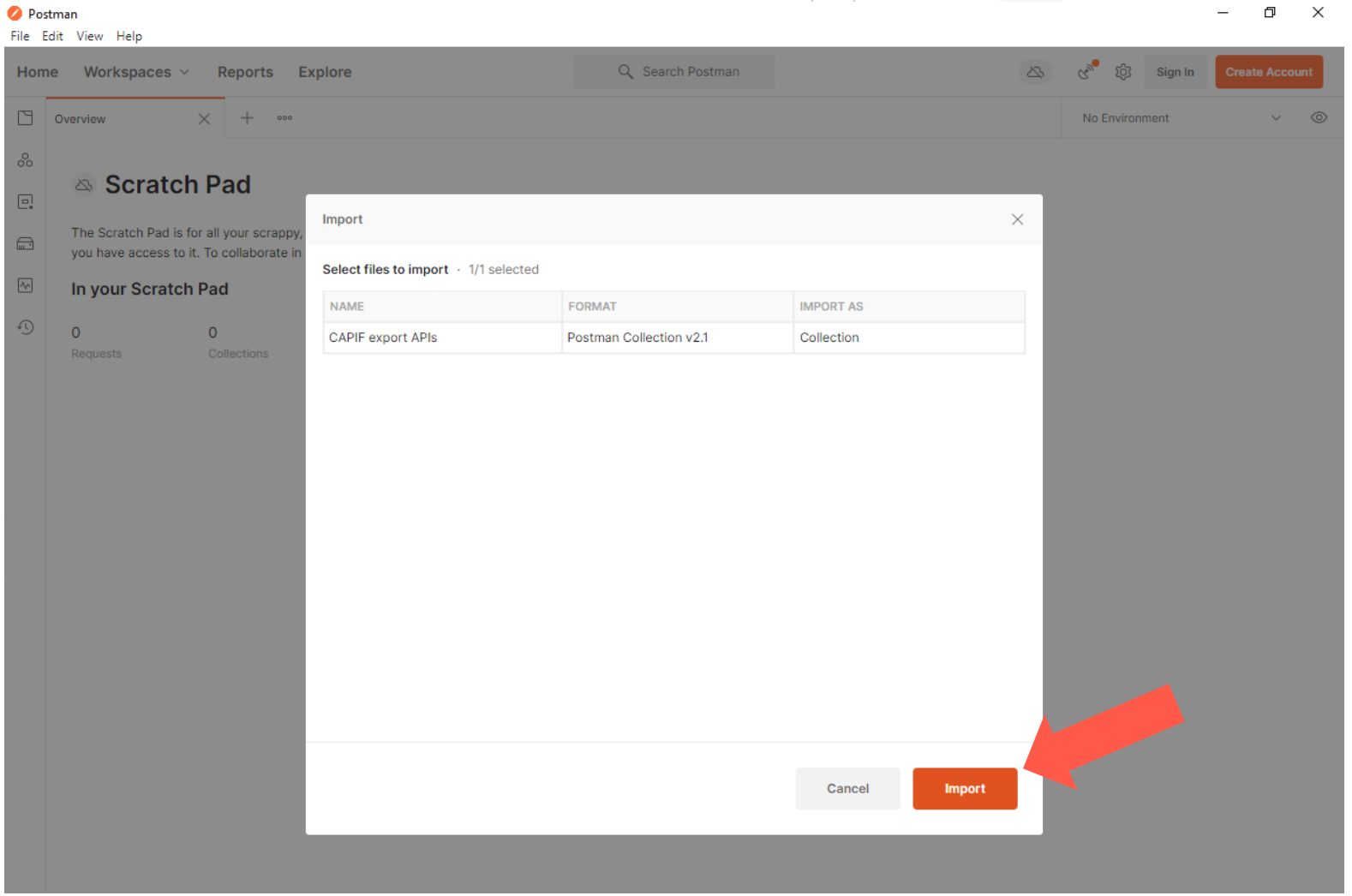
Import Menu


Postman
File Edit View Help
Home Workspaces Reports Explore
Search Postman
Sign In
Create Account
Overview
No Environment
Scratch Pad
The Scratch Pad is for all your scrappy,
you have access to it. To collaborate in
In your Scratch Pad
0
Requests
0
Collections
Import
File Folder Link Raw text Code repository New
Drag and drop Postman data or any of the formats below
OpenAPI RAML GraphQL cURL WADL
OR
Upload Files

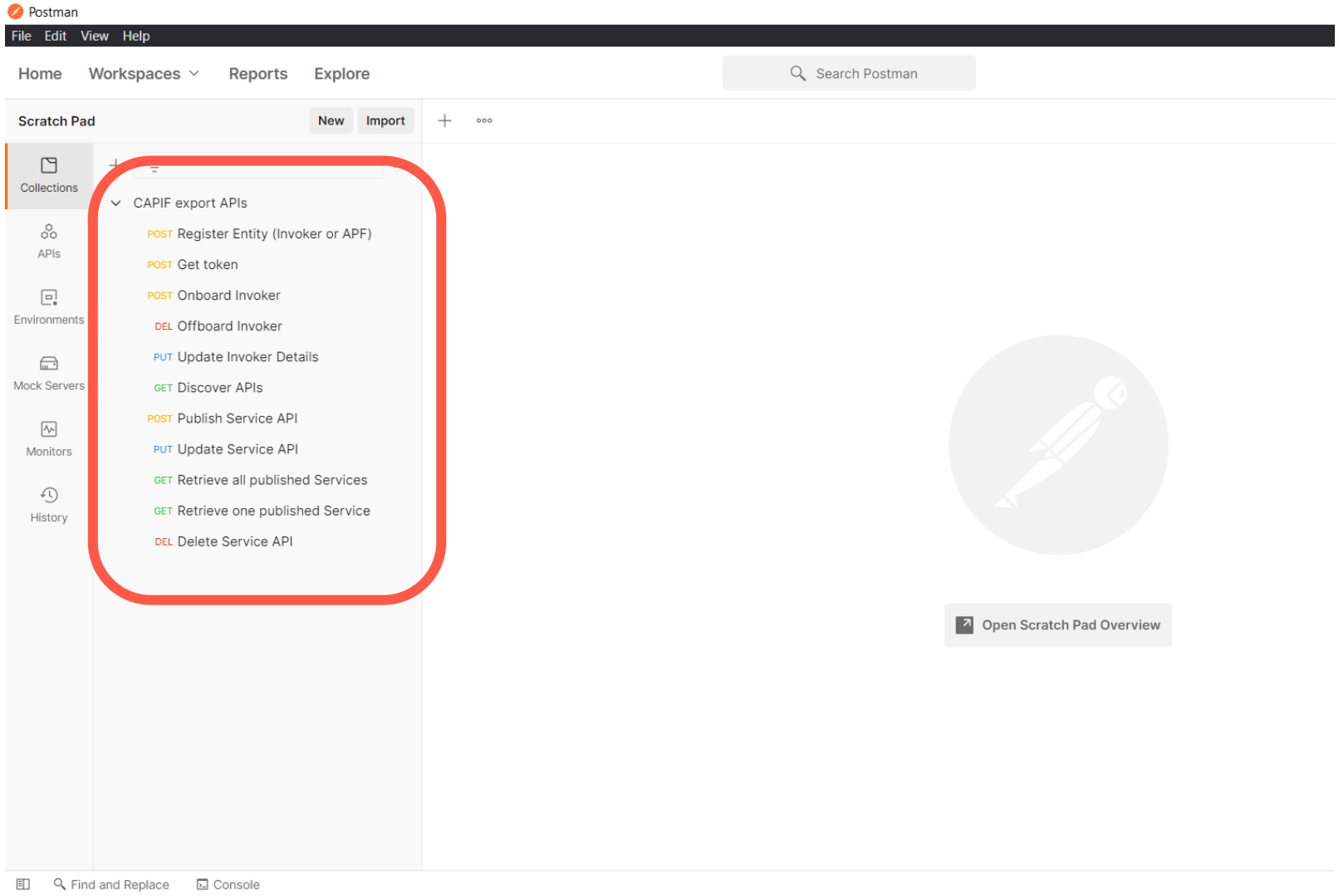
Select “CAPIF export APIs.postman_collection.json”



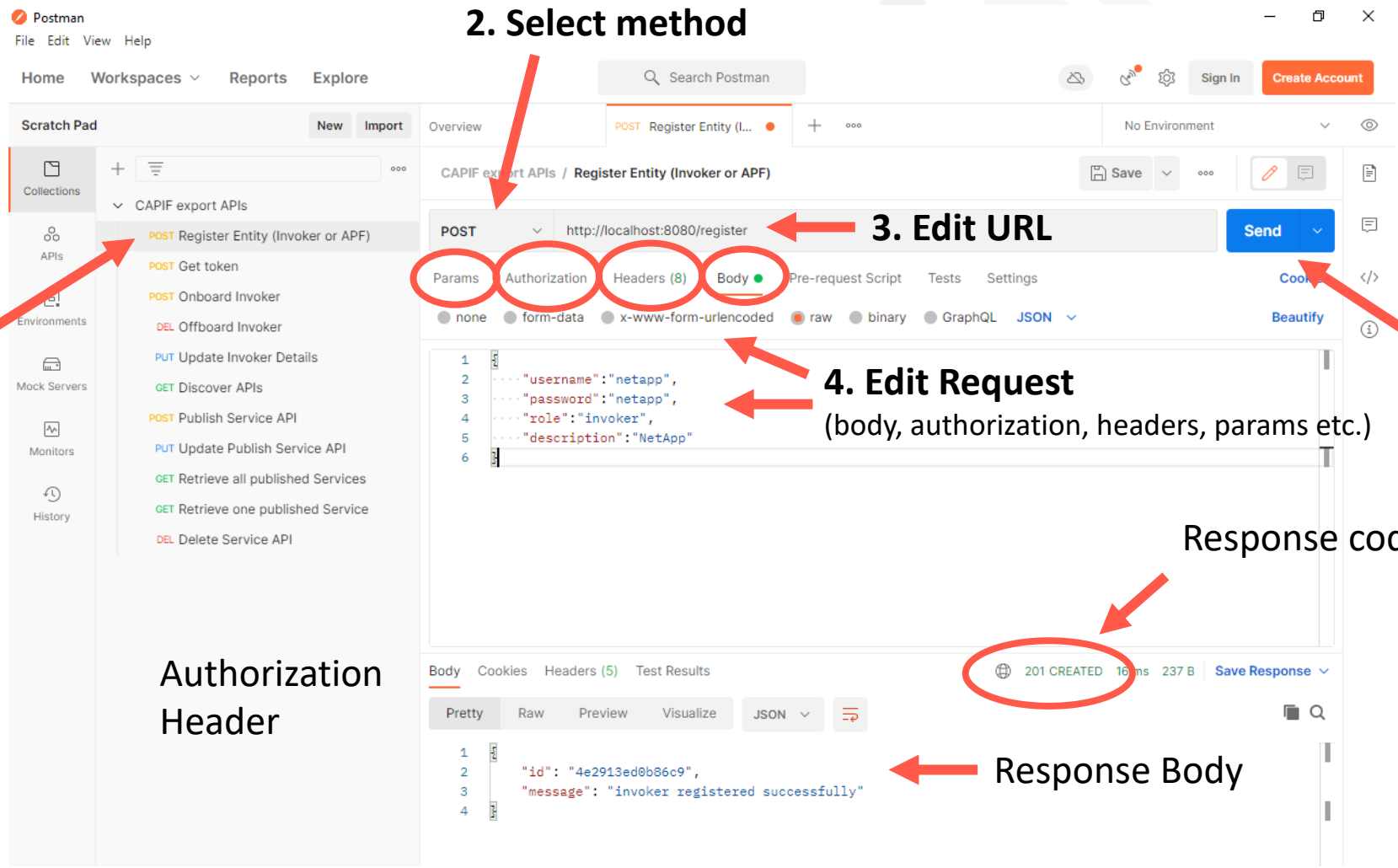
Final Import



List of CAPIF APIs imported

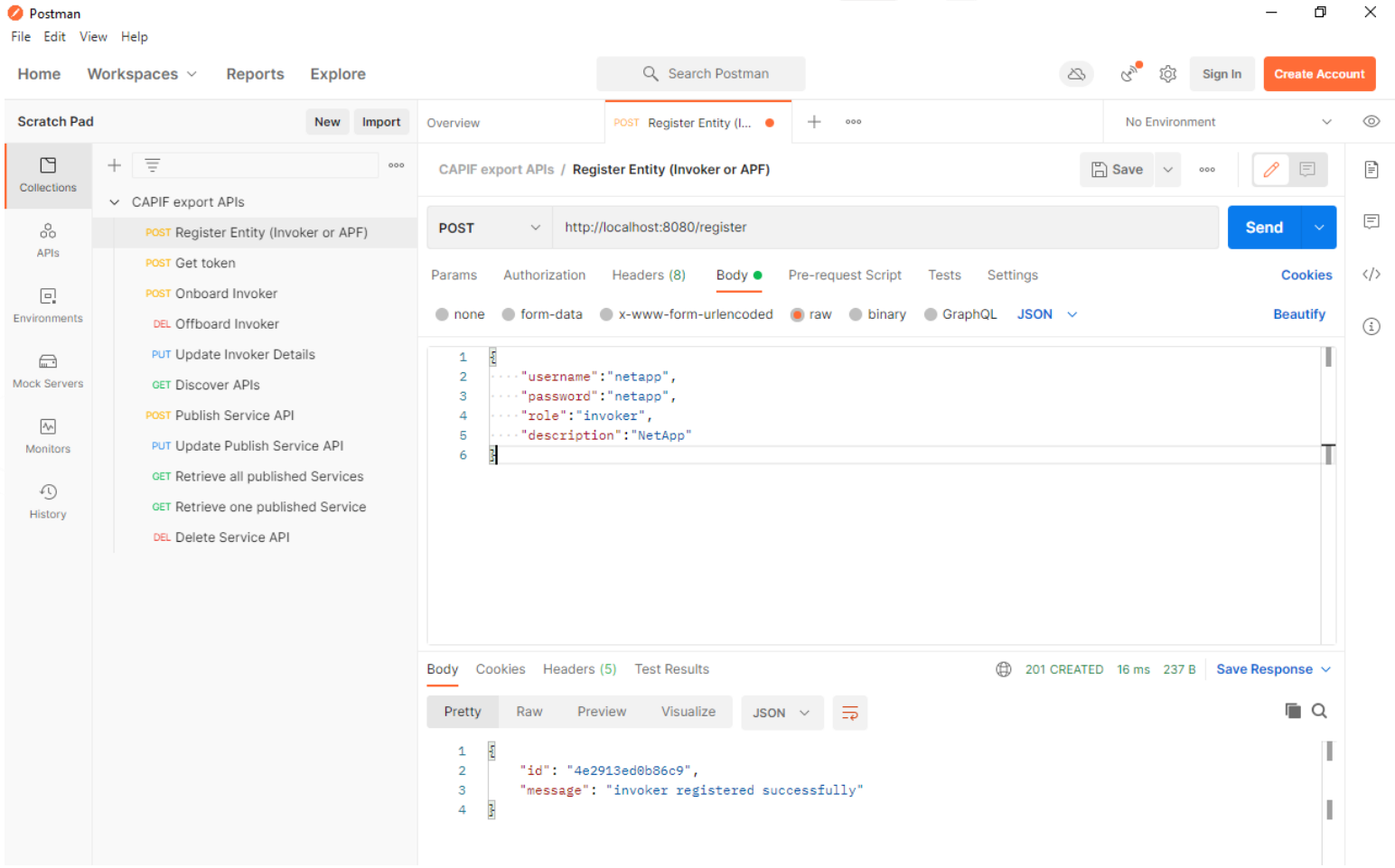


Process of Executing an API call



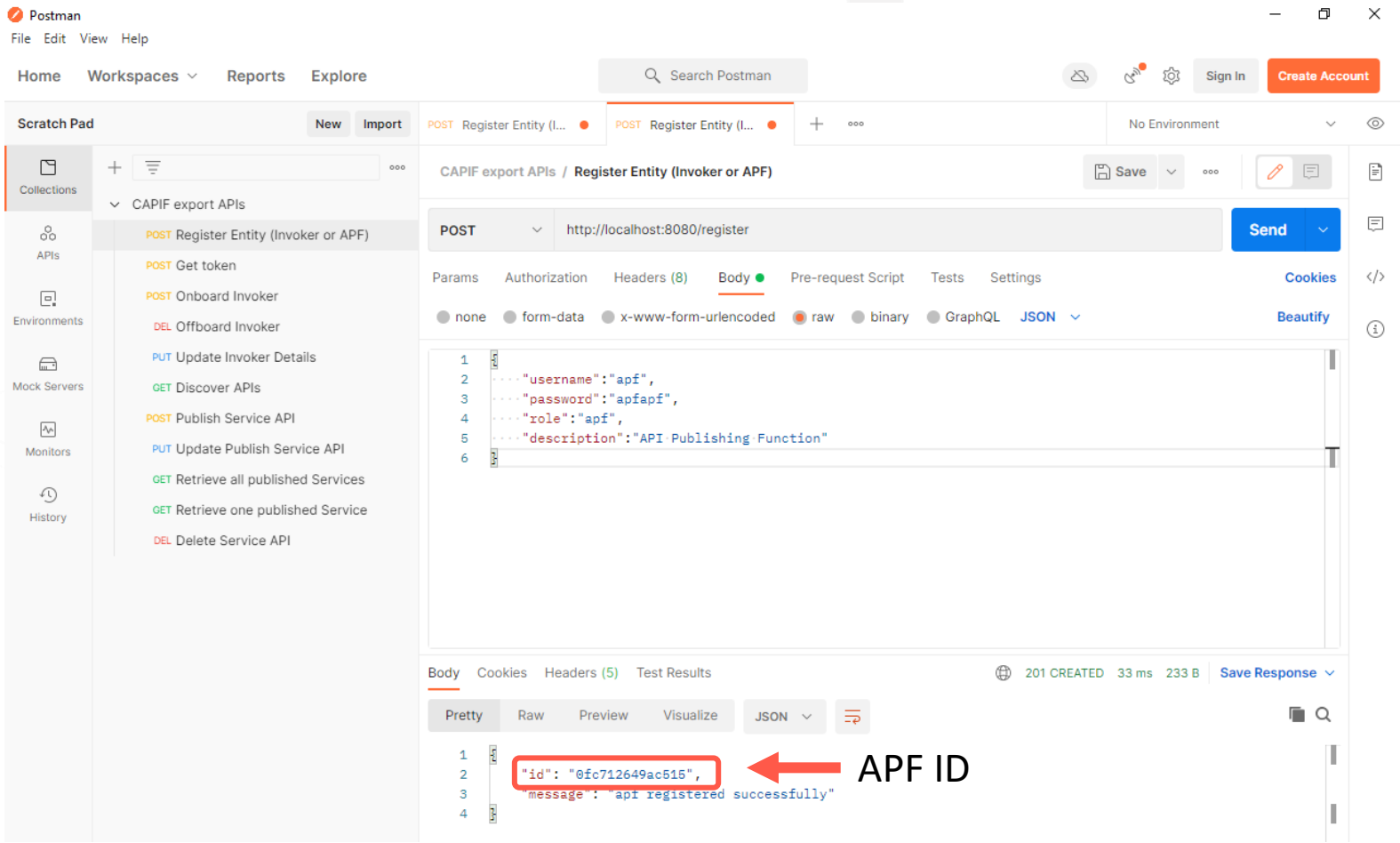
Register Entity (NetApp)

- POST http://<CAPIF Host IP>:8080/register



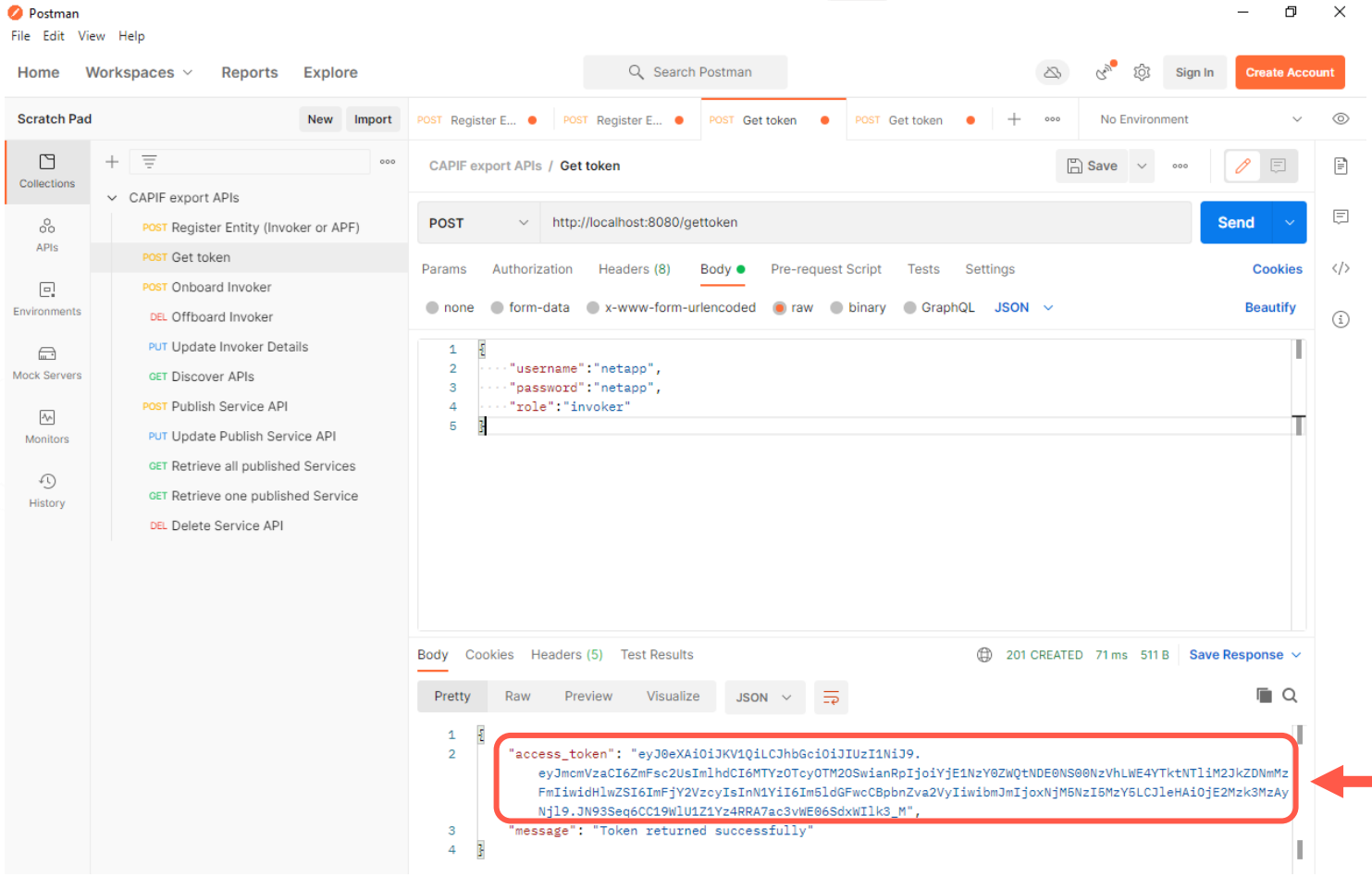
Register Entity (APF)

- POST http://<CAPIF Host IP>:8080/register



Get token (NetApp)

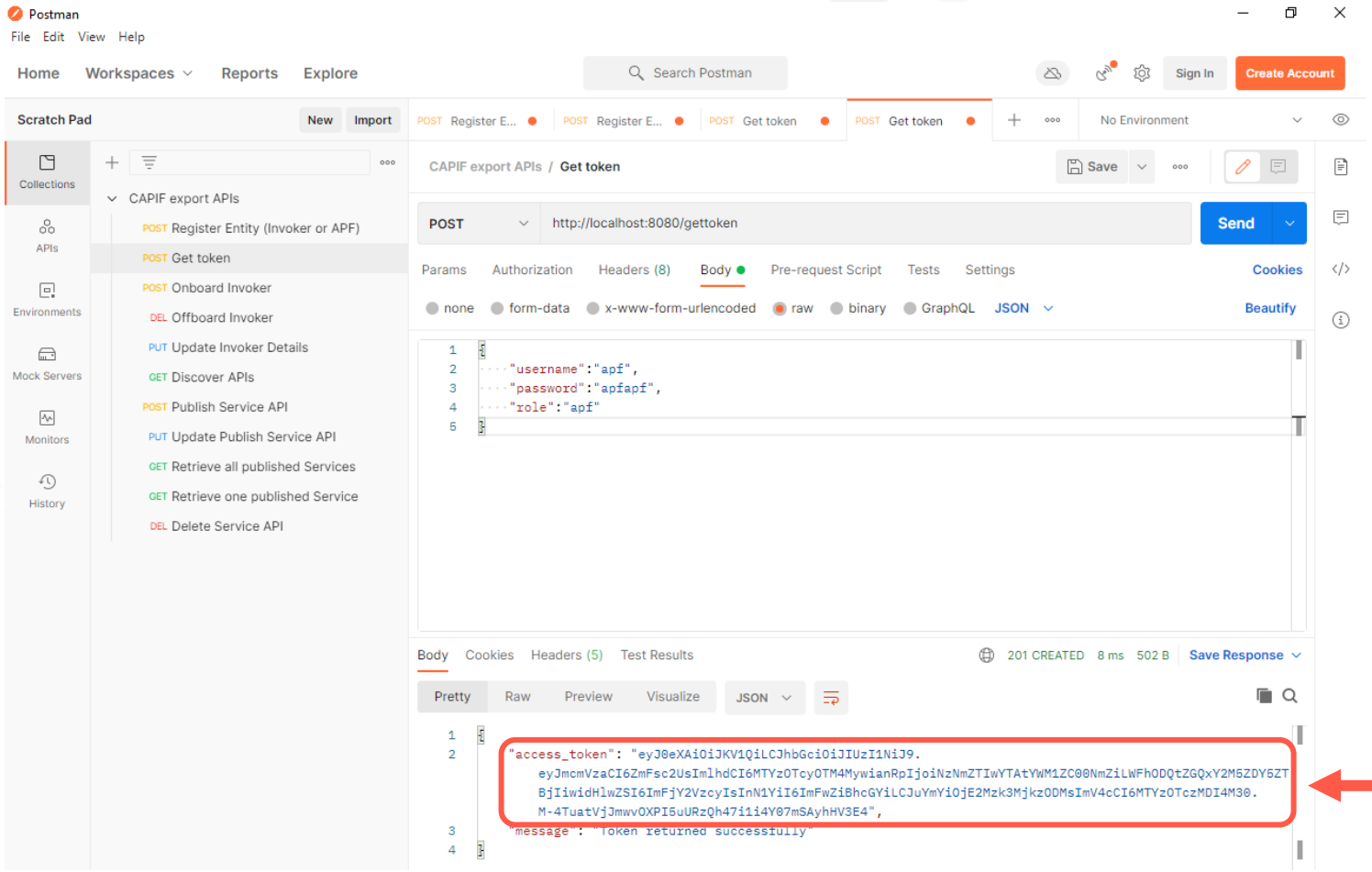
- POST http://<CAPIF Host IP>:8080/gettoken



JSON Web Token

Get token (APF)

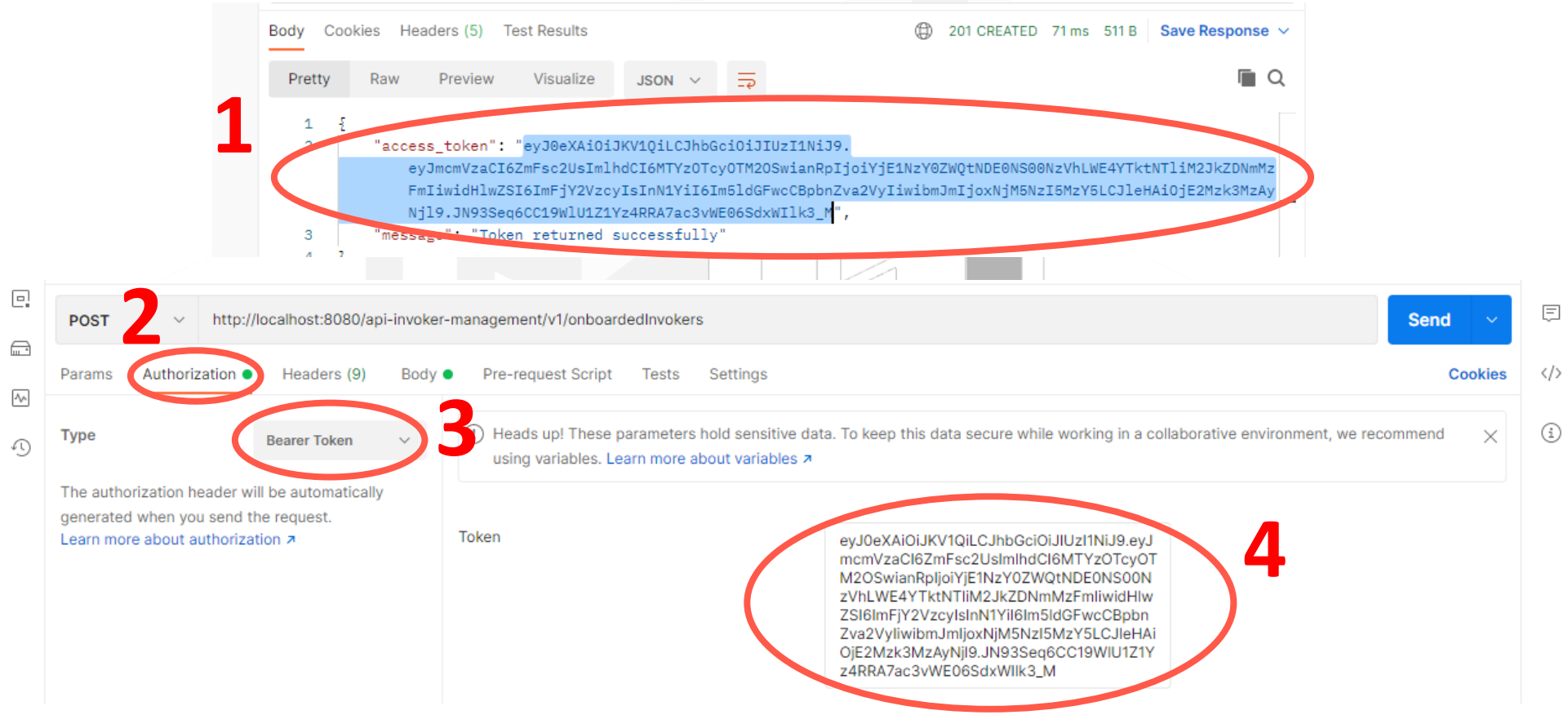
- POST http://<CAPIF Host IP>:8080/gettoken



JSON Web Token

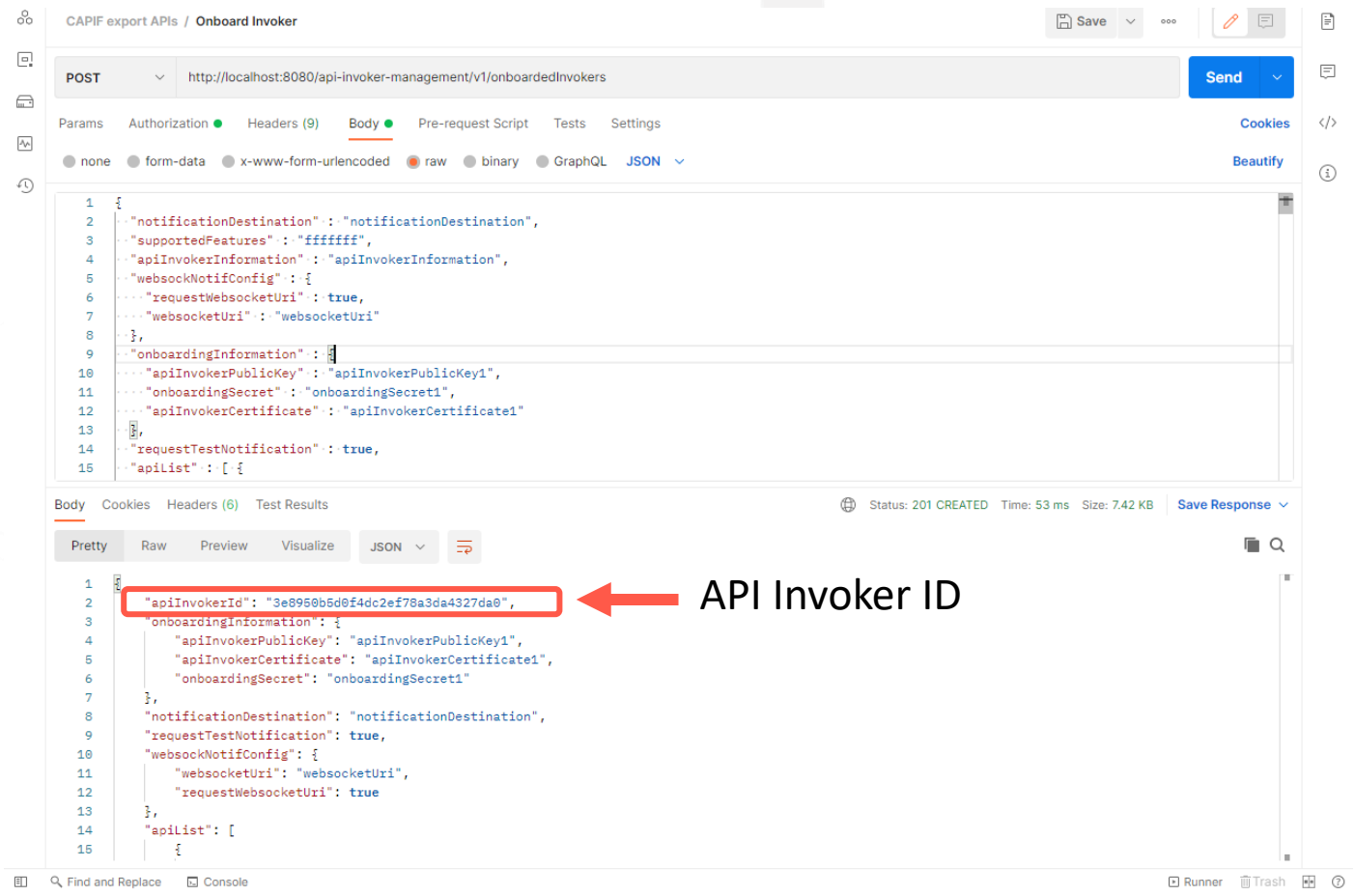
Use JSON Web Token

- For each API call of CAPIF, we have to copy the corresponding token (of the NetApp or the APF) to Authorization header



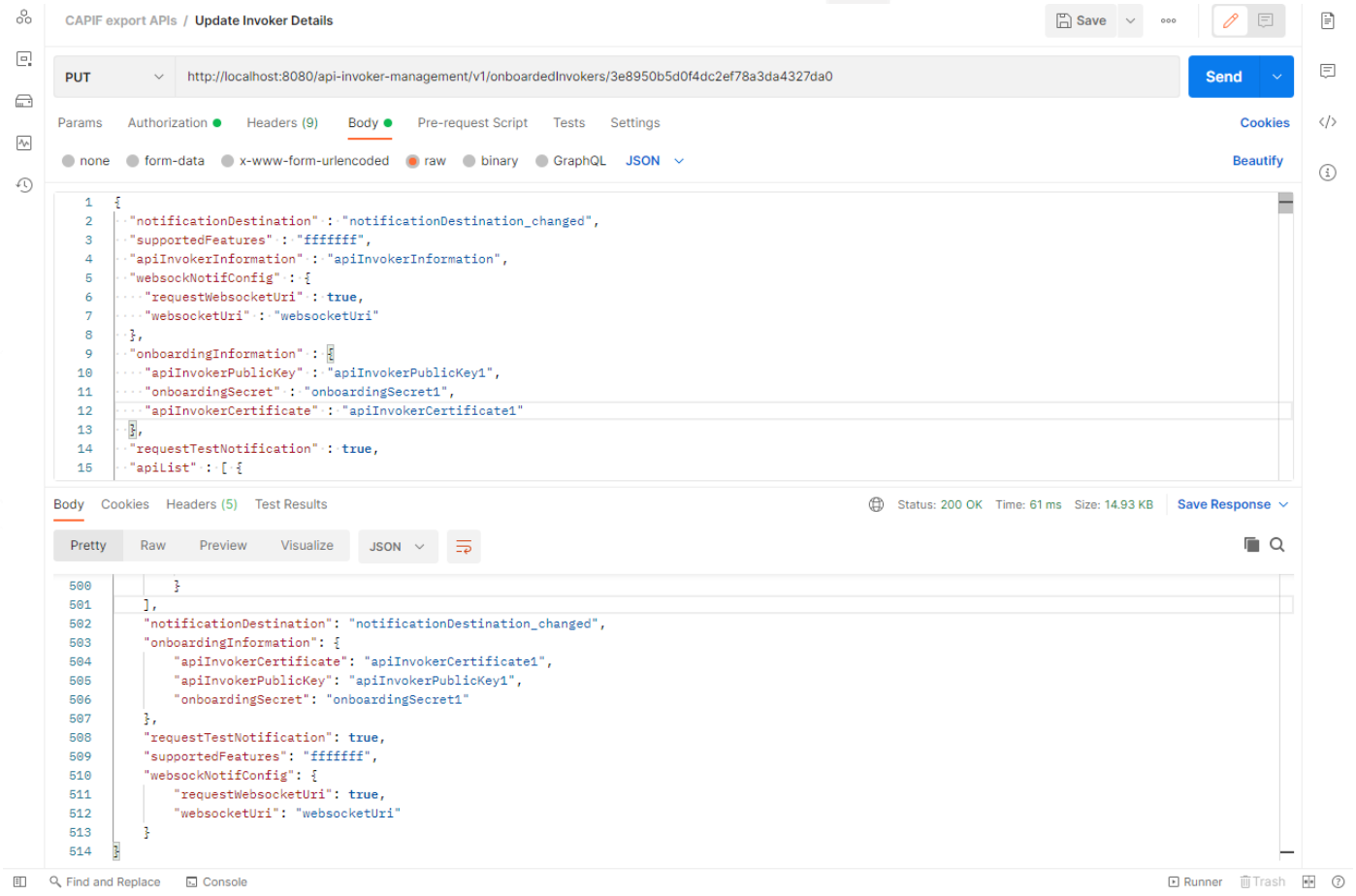
Onboard Invoker (NetApp)

- POST http://<CAPIF Host IP>:8080/api-invoker-management/v1/onboardedInvokers



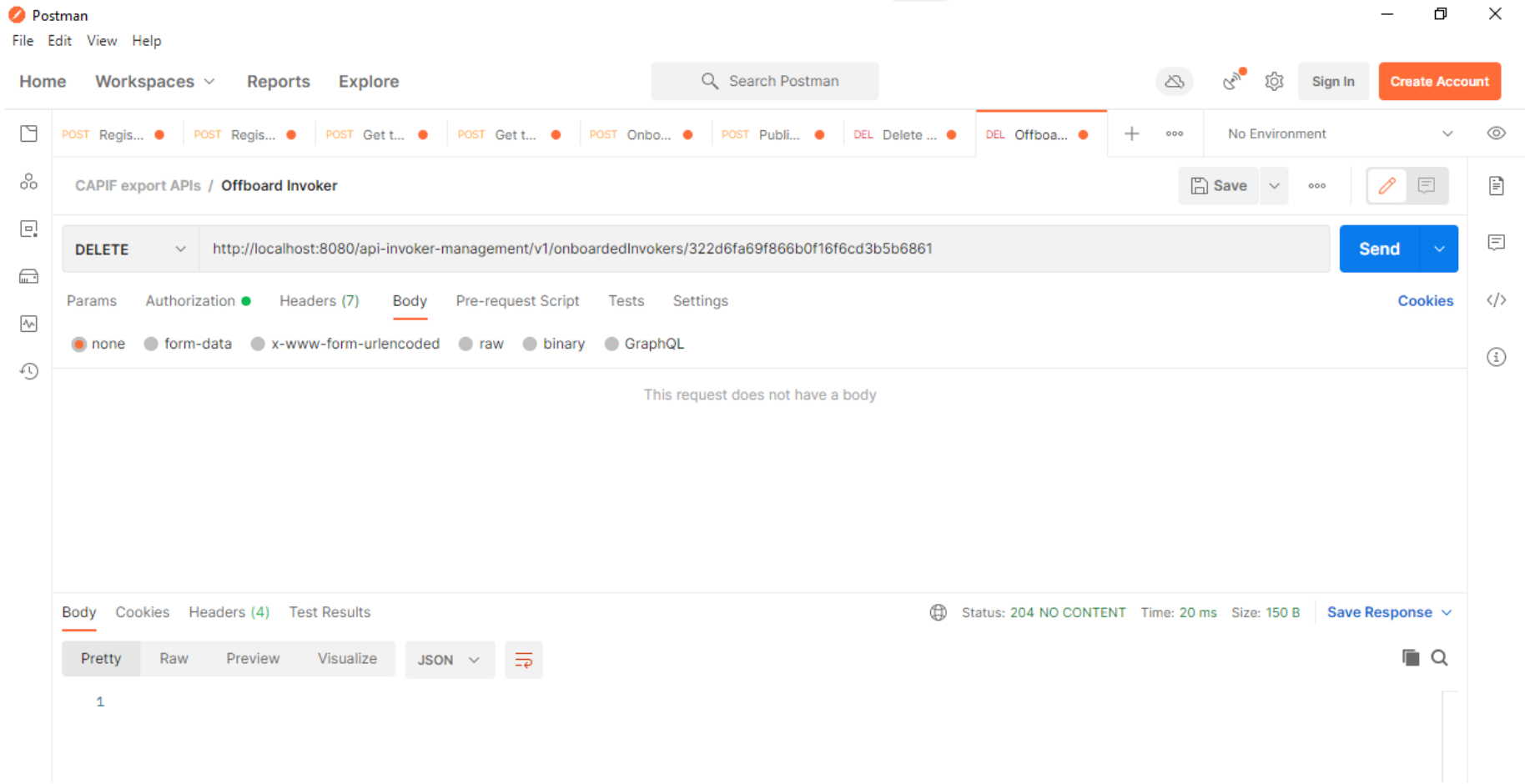
Update Invoker Details (NetApp)

- PUT http://<CAPIF Host IP>:8080/api-invoker-management/v1/onboardedInvokers/<API Invoker ID>



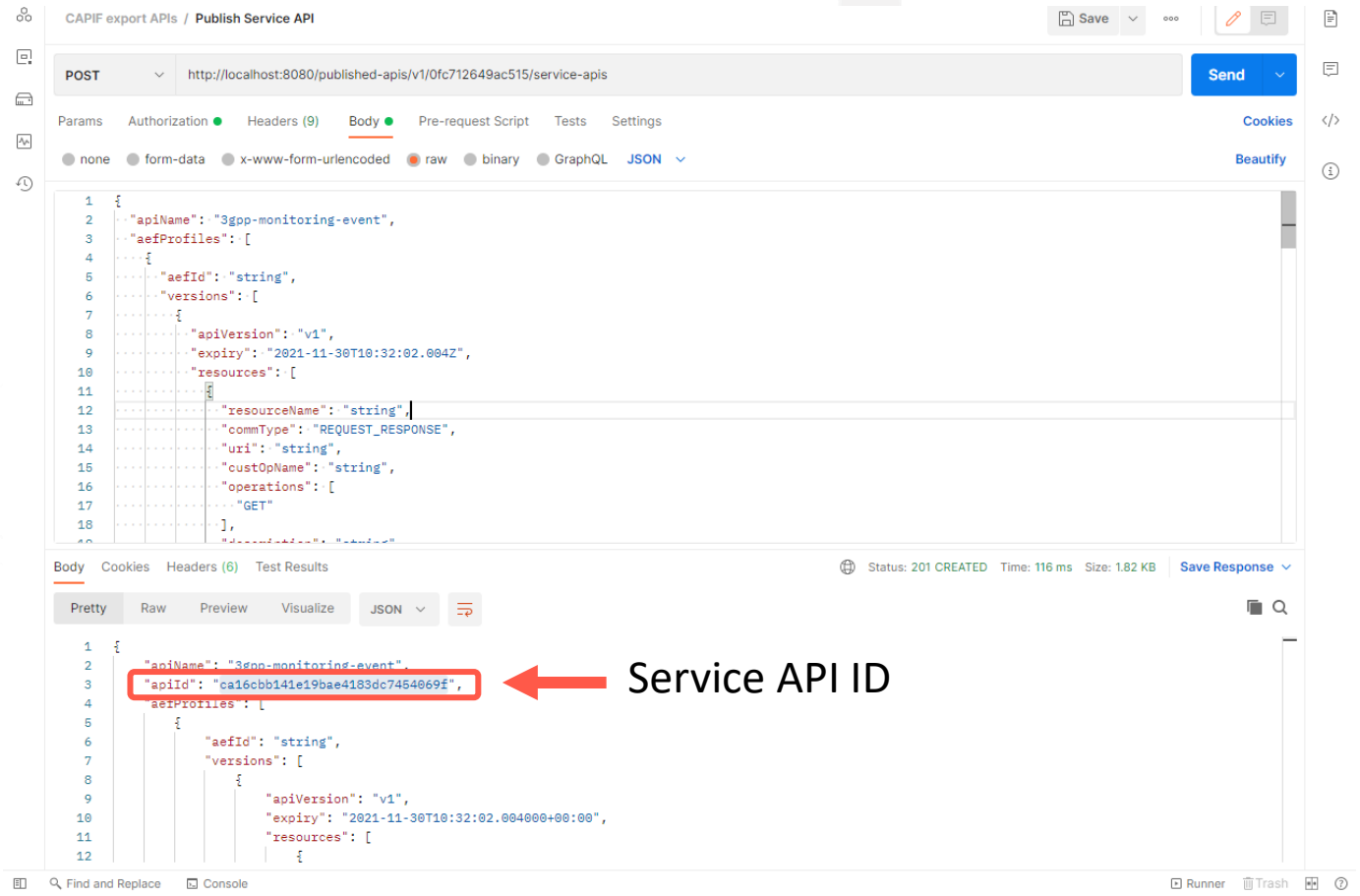
Offboard Invoker (NetApp)

- DELETE http://<CAPIF Host IP>:8080/api-invoker-management/v1/onboardedInvokers/<API Invoker ID>



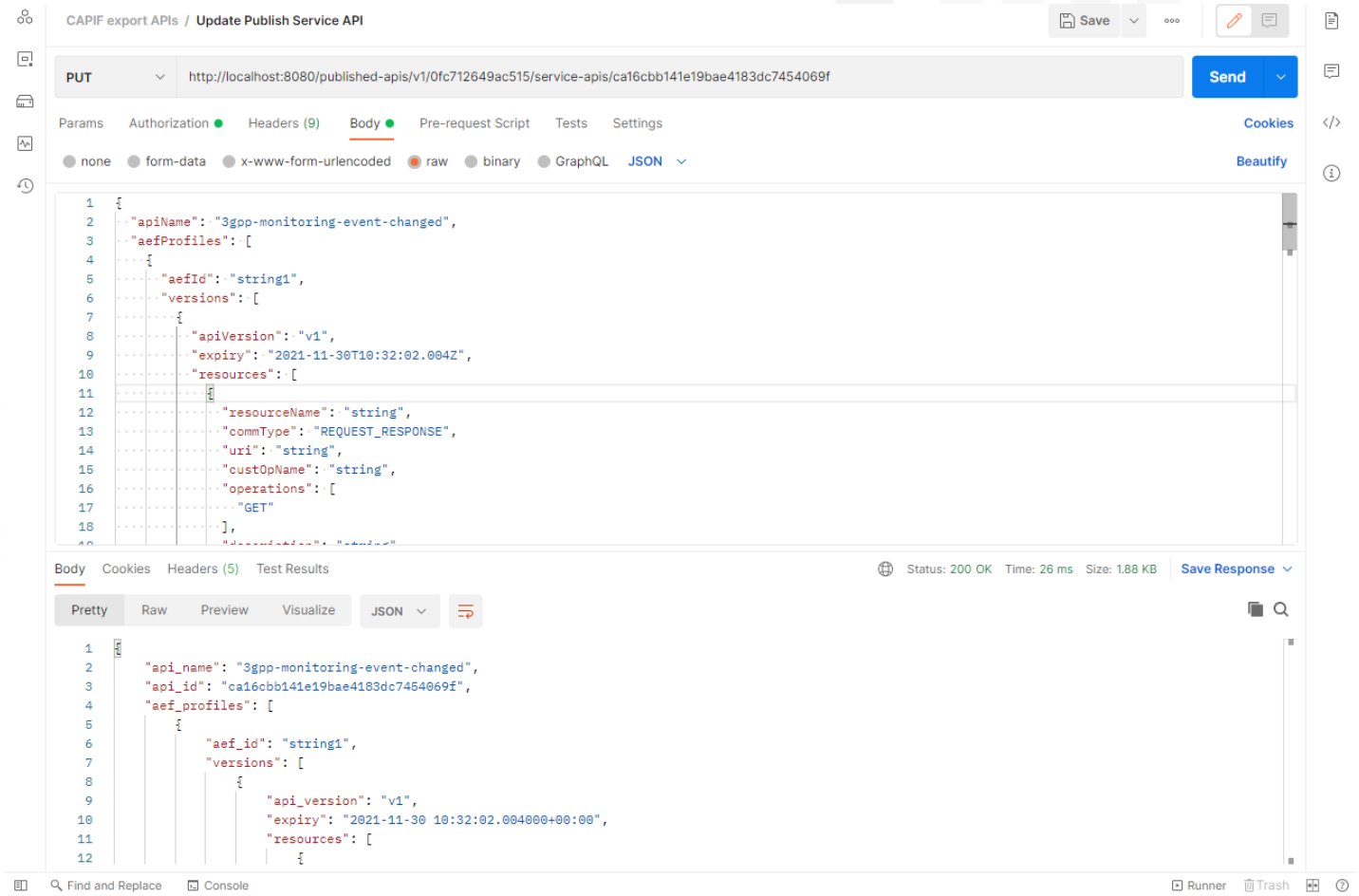
Publish Service API (APF)

- POST http://<CAPIF Host IP>:8080/published-apis/v1/<APF ID>/service-apis



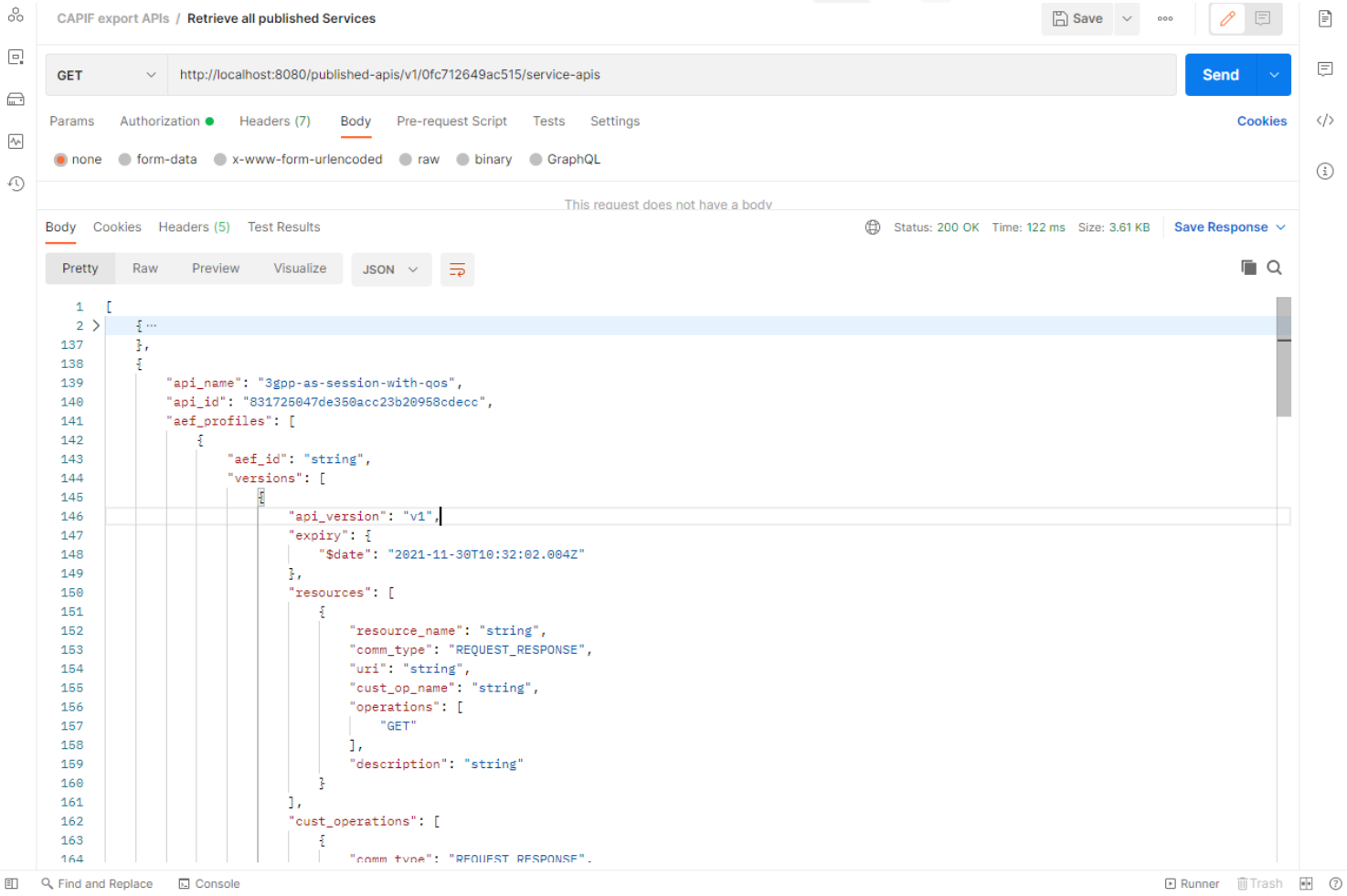
Update Service API (APF)

- PUT http://<CAPIF Host IP>:8080/published-apis/v1/<APF ID>/service-apis/<Service API ID>



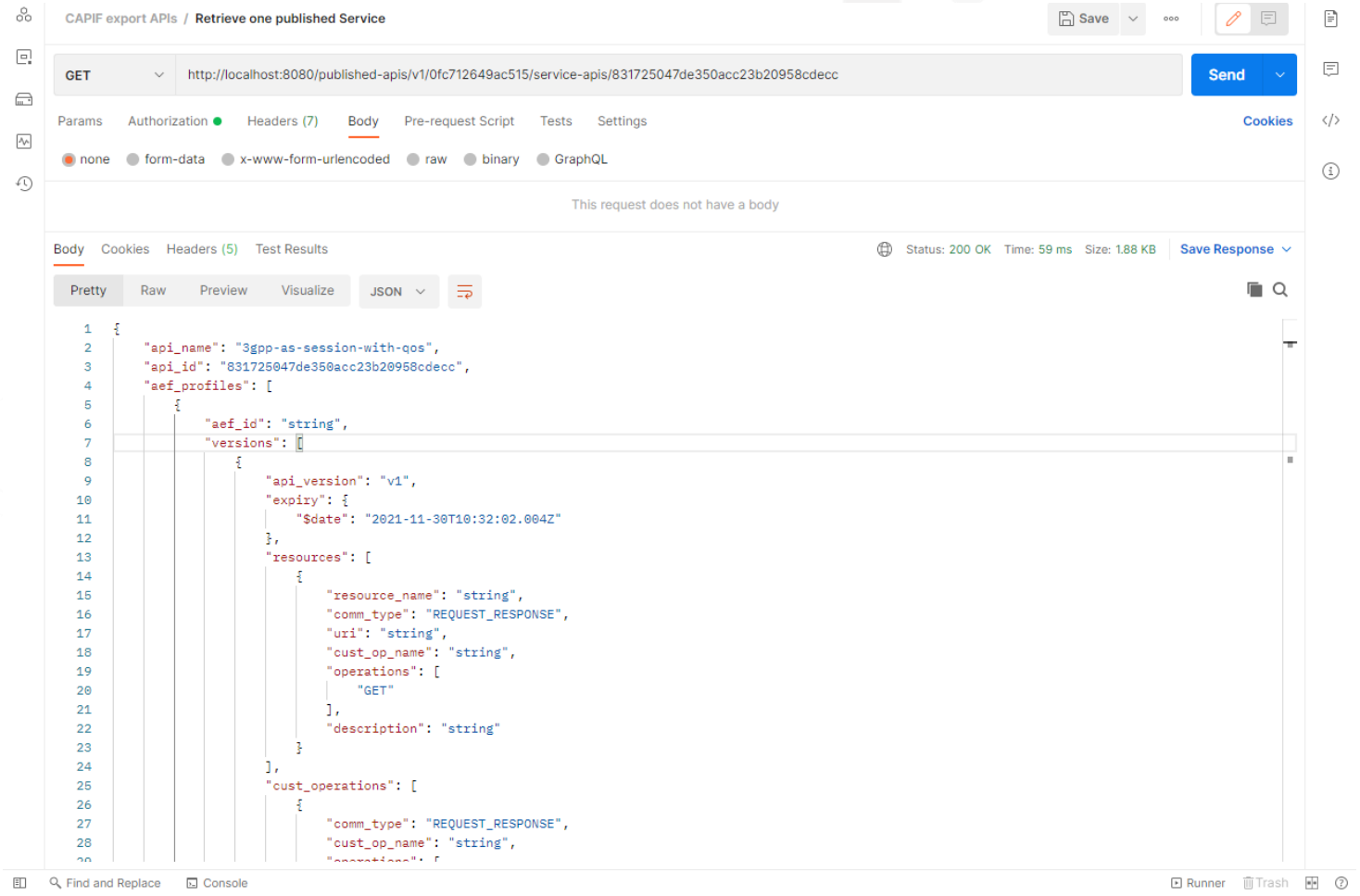
Retrieve all published services (APF)

- GET http://<CAPIF Host IP>:8080/published-apis/v1/<APF ID>/service-apis



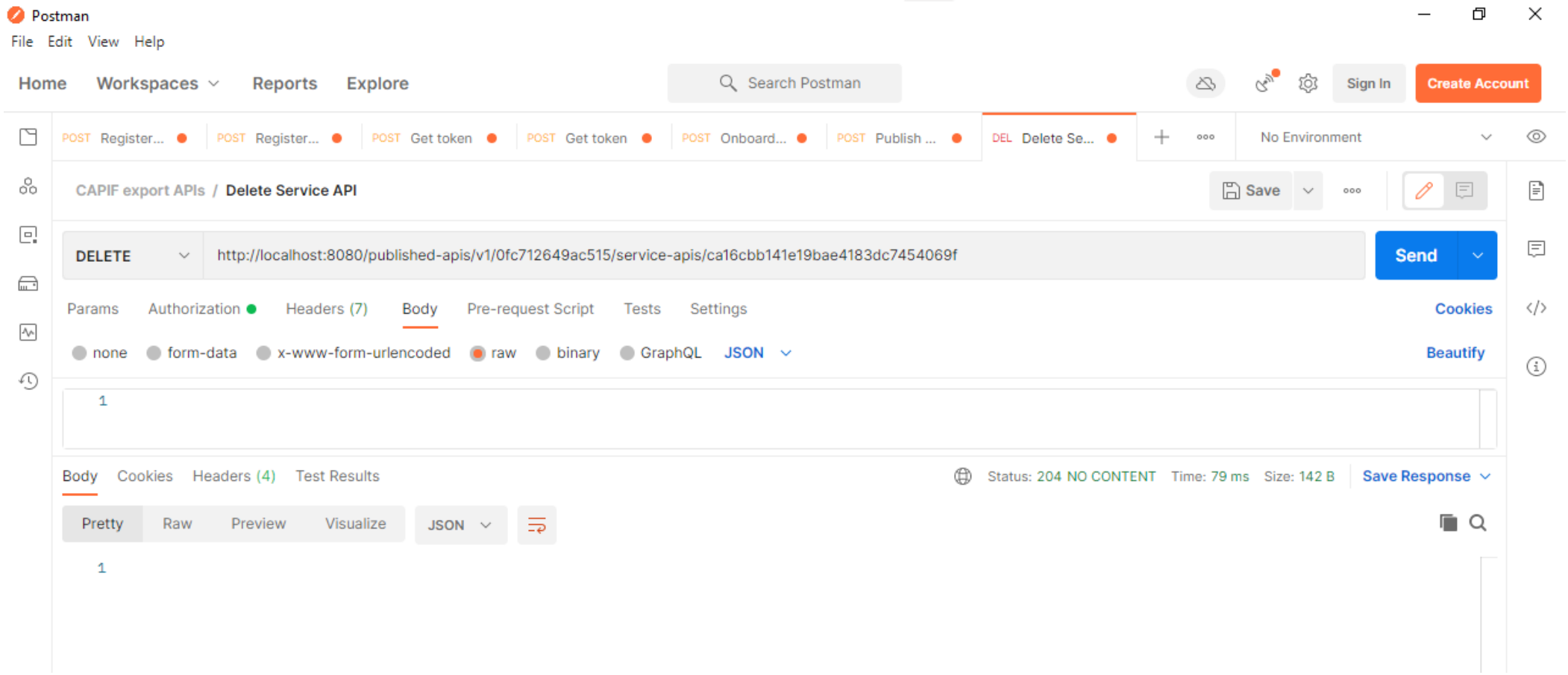
Retrieve one published services (APF)

- GET http://<CAPIF Host IP>:8080/published-apis/v1/<APF ID>/service-apis/<Service API ID>



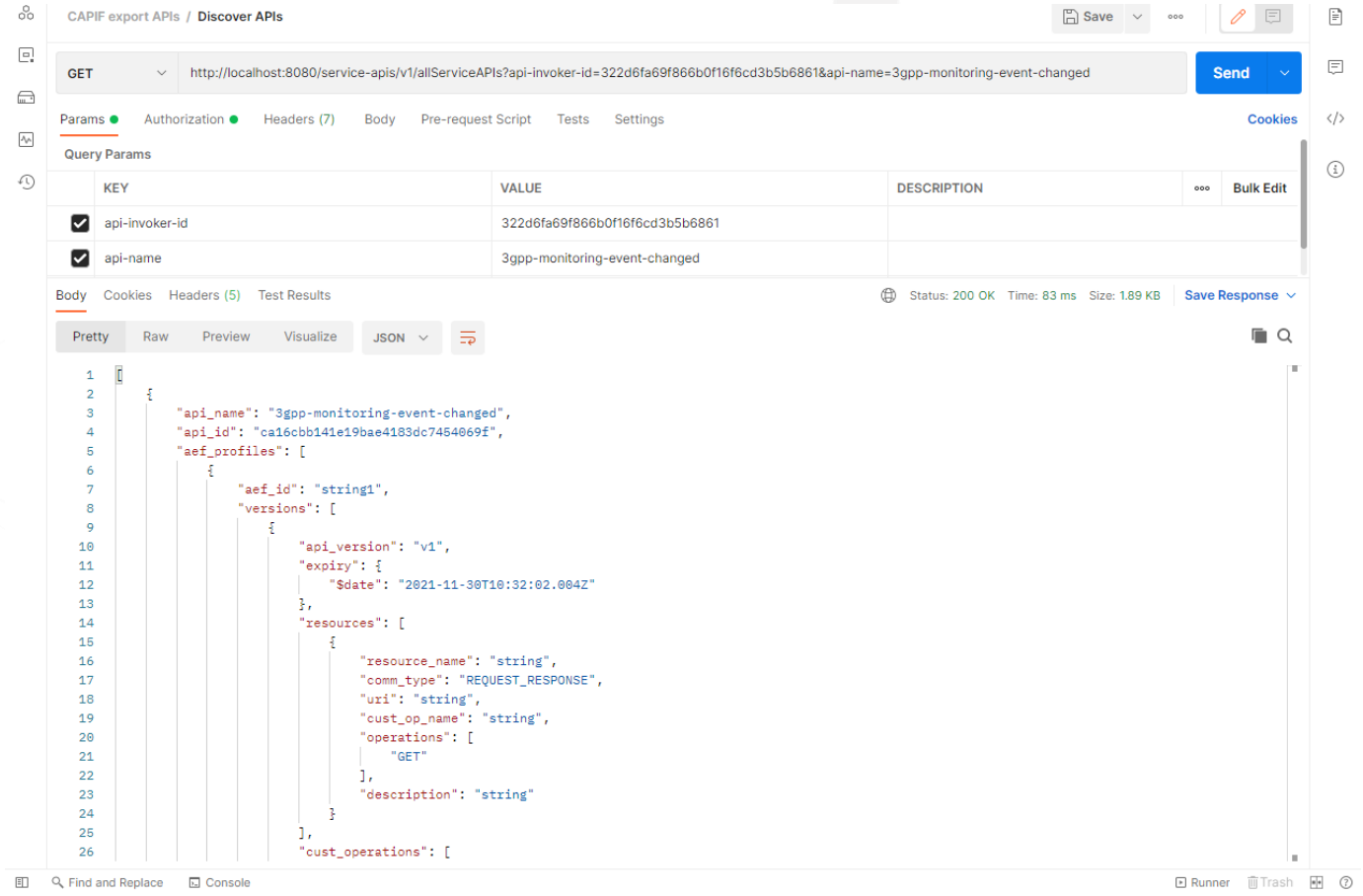
Delete Service API (APF)

- DELETE http://<CAPIF Host IP>:8080/published-apis/v1/<APF ID>/service-apis/<Service API ID>



Discover APIs (NetApp)

- GET http://<CAPIF Host IP>:8080/service-apis/v1/allServiceAPIs?api-invoker-id=<API Invoker ID>&api-name=<API Name>



Thank you