**Understanding different authentication process in post man and suitable authentication process in karate api**

**Way1: Using password credentials.**

Select type = Oauth2.0

🡪 No need to specify in karate.

Token Name = Any name you can specify

🡪 No need to specify in karate.

Grant Type = Password Credentials

🡪 Consider as grant\_type and value as password in karate.

Access Token Url = <https://idp2.renault.com/nidp/oauth/nam/token>

🡪 Consider as url and value is same as post man

Client ID = technical client id shared by team

🡪 Consider as client\_id and value is same as post man

Client Secret = technical client secret shared by team

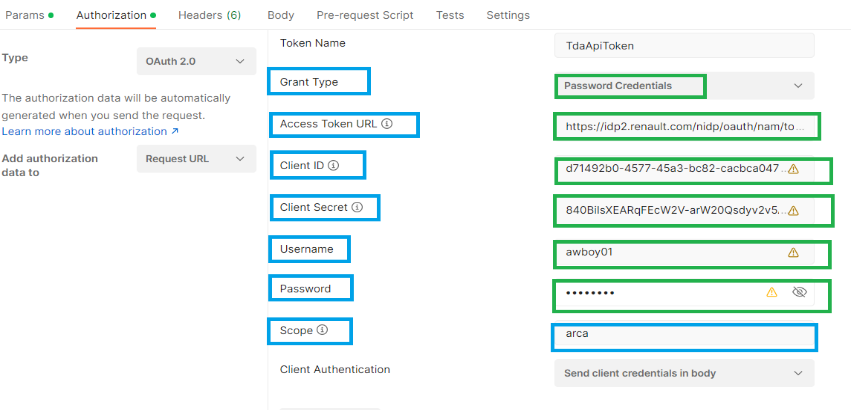
🡪 Consider as client\_secret and value is same as post man

Username = shared by team

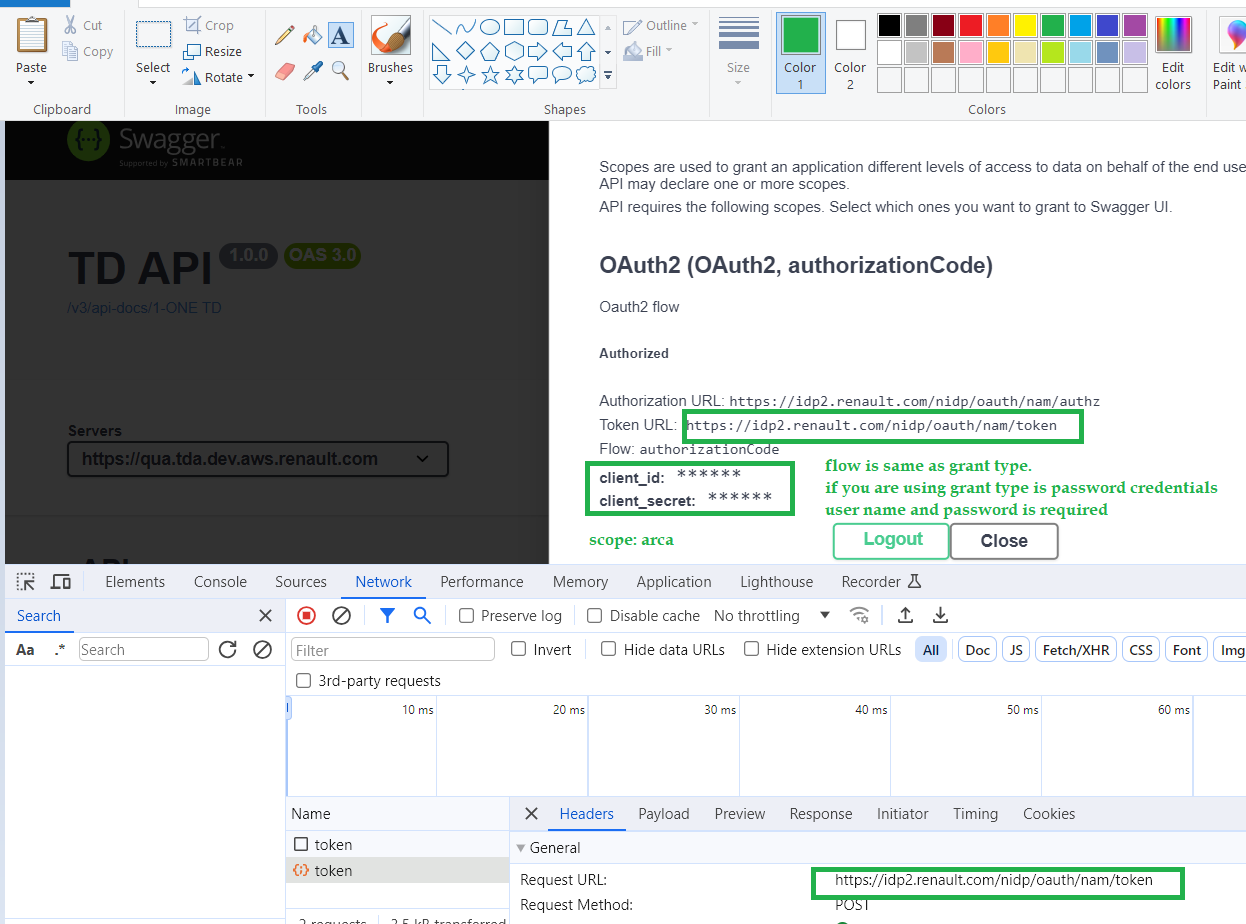
🡪 Consider as username and value is same as post man

Password = shared by team

🡪 Consider as password and value is same as post man



For swagger reference:



**Manual Configuration in POST Man**

method: POST

url: <https://idp2.renault.com/nidp/oauth/nam/token>

client id : d71492b0-4577-45a3-bc82-cacbca047069

client secret: 840BiIsXEARqFEcW2V-arW20Qsdyv2v5Aw7HaH1NrgyTLV7N0ZW-7yjAVyJOGJpO4y2p1zOfbEXnIxU8p-wlcw

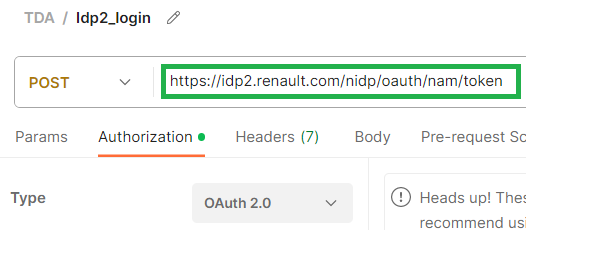
Grant type: password Credentials

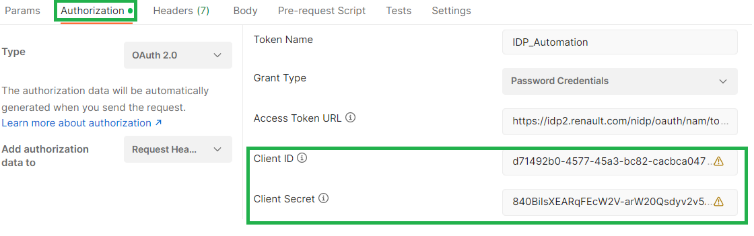
Username: awboy01

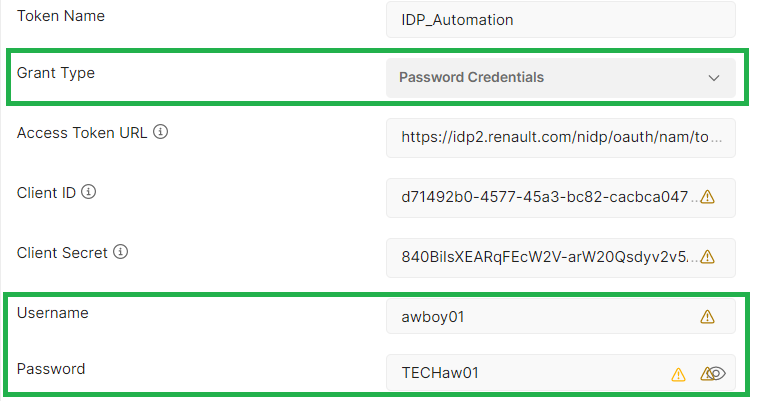
Password: TECHaw01

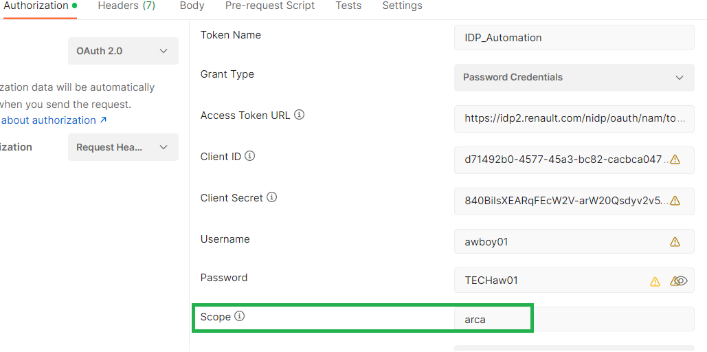
Scope: arca

Global proxy setup is required

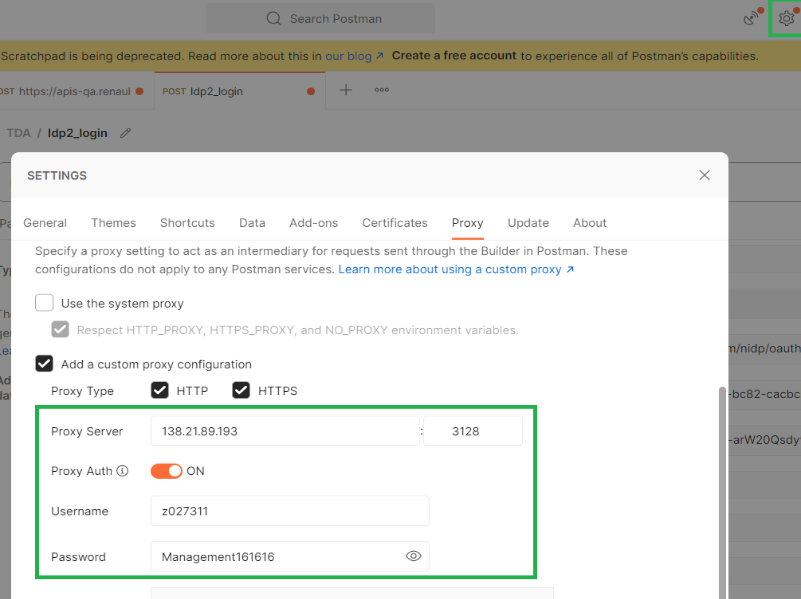








If you are using postman define your proxy in global setting. If you are using swagger, system environment will be considered



**Way2: Using authentication Code:**

Select type = Oauth2.0

Token Name = Any name you can specify

Grant Type = Authorization Code

Callback Url = Check in the response payload after authenticated in swagger

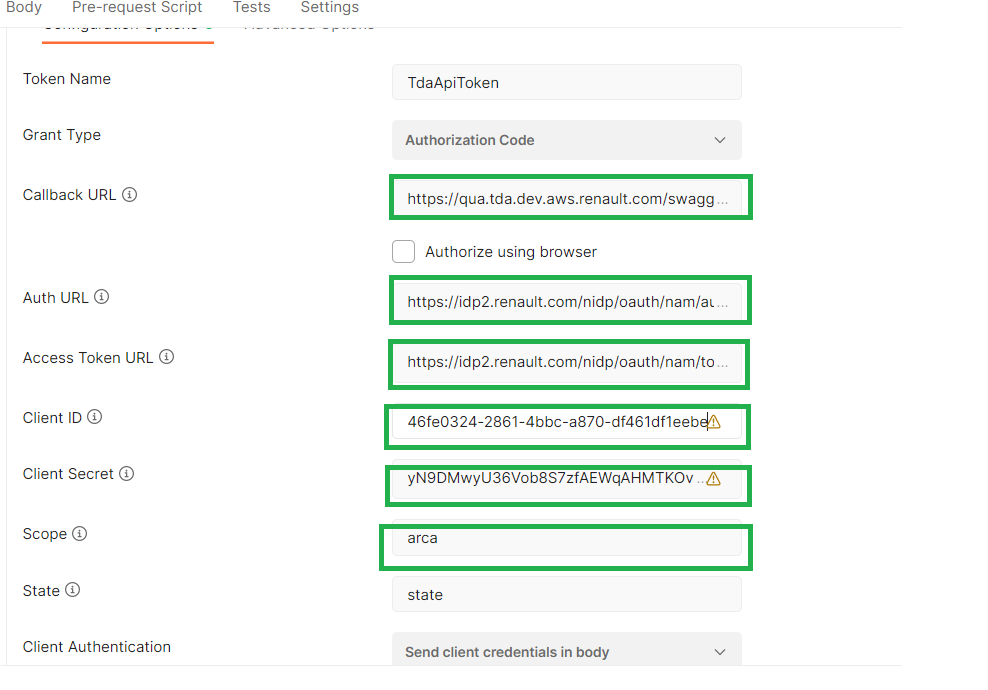
Auth URL = https://idp2.renault.com/nidp/oauth/nam/authz

Access Token Url = <https://idp2.renault.com/nidp/oauth/nam/token>

Client ID = Common ID which we are using for login, not technical one

Client Secret = Common secret id which we are using for login, not technical one

Scope = arca



**Good way to do authentication for karate api is way 1 by using password**

**In any api automation token will be generated and this token will be specified in header for authentication by using bearer or basic depends on your project**

