

Access data from More Service API using Postman



Postman is a widely used application to access data from REST APIs.

This is a tutorial on how to configure Postman to access data from the [More Service API](#) using OAuth 2.0 with Password Grant.

Documentation on the available endpoints in More Service can be found here: <https://api.tmsportal.no/gapi/swagger/ui/index#!/>

In short, first you fetch an access token in step 1, then you can request data from the API using your given token in Step 2.

- [Step 1 - Fetch a Token from More Service API](#)
- [Step 2 - Fetch data from the REST API using the Access Token](#)

Step 1 - Fetch a Token from More Service API

1. Open Postman and enter the following URL: <https://oauth2.tmsportal.no/token>

The screenshot shows the Postman interface with a GET request to `https://oauth2.tmsportal.no/token`. The URL bar shows the request method (GET) and the URL. Below the URL bar, the 'Params' tab is selected, showing a table with columns 'KEY', 'VALUE', and 'DESCRIPTION'. The table is currently empty. The 'Send' button is visible on the right.

2. Add the following parameters under the tab "params".

grant_type	
username	
password	
client_id	
client_secret	

The screenshot shows the Postman interface with the same GET request, but now with parameters added. The 'Params' tab is selected, and the table contains the following parameters:

KEY	VALUE	DESCRIPTION
☒ grant_type		
☒ username		
☒ password		
☒ client_id		
☒ client_secret		
Key	Value	Description

3. Enter the values given by to you by More Service for username, password, client_id, and client_secret.

The screenshot shows a REST client interface with a GET request to `https://oauth2.tmsportal.no/token?grant_type=password&username=...&password=...&client_id=...&client_secret=...`. The "Params" tab is selected, showing a table of query parameters:

KEY	VALUE	DESCRIPTION
☒ grant_type	password	
☒ username	[REDACTED]	
☒ password	[REDACTED]	
☒ client_id	[REDACTED]	
☒ client_secret	[REDACTED]	

4. Select the tab "Headers" and add:

Content-Type application/x-www-form-urlencoded

The screenshot shows the same GET request, but the "Headers" tab is now selected. A table of headers is visible:

KEY	VALUE	DESCRIPTION
☒ Content-Type	application/x-www-form-urlencoded	

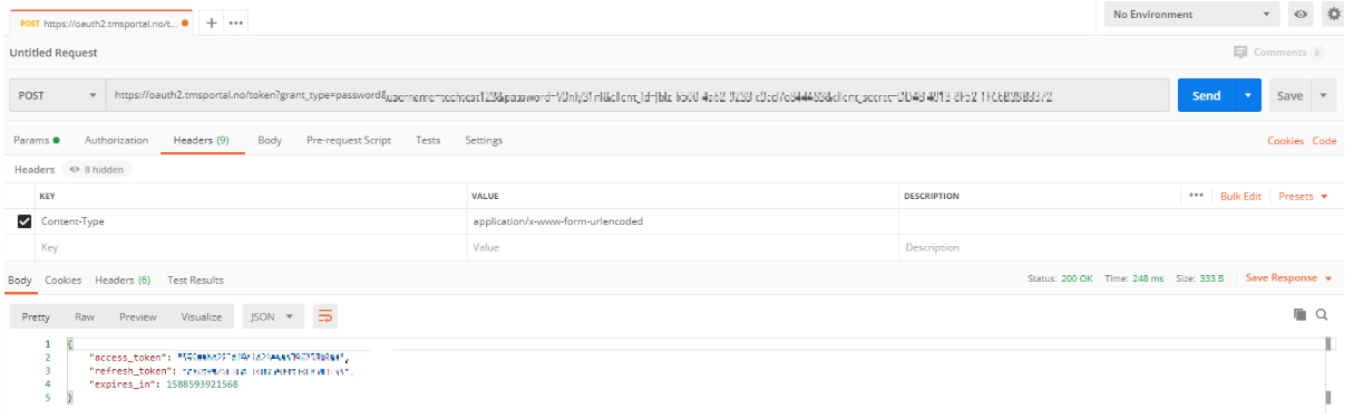
5. Change the request type to "POST"

The screenshot shows the REST client interface with the request type changed to "POST" in the dropdown menu. The "Headers" tab is still selected, showing the same header table as before.

6. Click "Send"

The screenshot shows the REST client interface with the request type changed to "POST". The "Send" button is highlighted in green, indicating it is ready to be clicked. The "Headers" tab is still selected, showing the same header table as before.

7. If all the parameters entered are valid, the server will respond with a JSON object containing an Access Token.



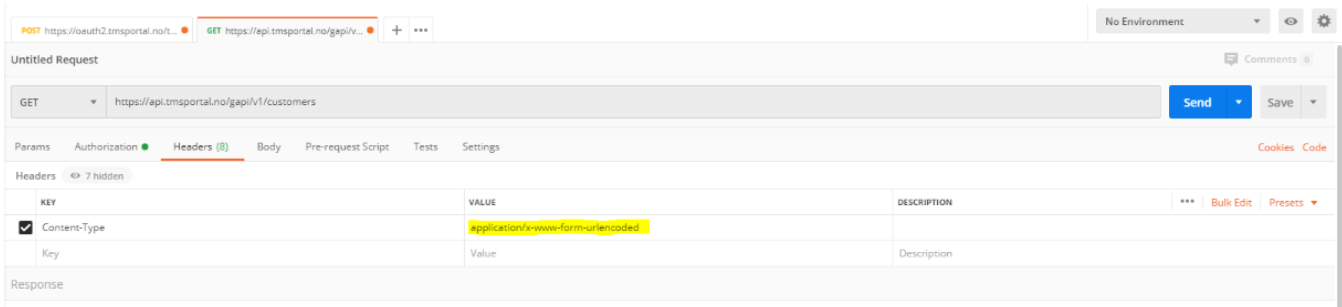
Step 2 - Fetch data from the REST API using the Access Token

8. Add the following URL to Postman: [https://api.tmsportal.no/gapi/v1/\[controller-action\]](https://api.tmsportal.no/gapi/v1/[controller-action]) (See a list of available actions here: <https://api.tmsportal.no/gapi/swagger/ui/index#!/>)



9. Go to the tab "Headers" and add:

Content-Type	application/x-www-form-urlencoded
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10: Go to the tab "Authorization" and select "Bearer Token as Type. In the "Token" -field, enter the token you were given in Step 1.

POST https://oauth2.tmsportal.no/... GET https://api.tmsportal.no/gapi/v1/... + ... No Environment

Untitled Request Comments 0

GET https://api.tmsportal.no/gapi/v1/customers Send Save

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Code

TYPE Bearer Token

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Token 596aabb223df9d1d22eab396258b0aa

Response

11: Click "Send"

POST https://oauth2.tmsportal.no/... GET https://api.tmsportal.no/gapi/v1/... + ... No Environment

Untitled Request Comments 0

GET https://api.tmsportal.no/gapi/v1/customers Send Save

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Code

TYPE Bearer Token

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Token 596aabb223df9d1d22eab396258b0aa

Response

12. If the Token is valid, the request URL exists and the configured permissions are valid, the server will reply with a JSON object.