Trade Inquiry API

Below are the steps to access the Trade Inquiry API service

Step 1: Send mail to msm@nse.co.in for creating user account details in database.
For accessing the NOTIS API (Consumer Key & Consumer Secret) kindly provide the following details:

- Member Code
- Member Name
- Segments
- Static IP from which shall be used to login on NOTIS API
- Name of authorized personal
- Email id of authorized personal
- Contact details
- UAT or LIVE

This will be a one-time activity request. Once credentials are provided member need to directly follow step 2.

Step 2: Get the token from the Token service

URL (UAT): https://www.devconnect2nse.com/token

URL (Production/LIVE): https://www.connect2nse.com/token

Set the username (key) and password (secret) in Authorization tab as below. For REST service/API testing we can use Postman Tool or Talend API Tester (App from Google Chrome).

The below steps are using Postman tool.

Username: Will be provided from step 1
Password: will be provided from step 1

Click on Update Request button

POST ∨	https://www.devconnect2nse.com/token		Params	Send ∨	Save ∨

Authorization ●   Headers (3)   Body ●   Pre-request Script   Tests   Code

Type	Basic Auth ∨		Clear	Update Request

Username	962b152b51fa4fd79385284bcab3b444	The authorization header will be generated and added as a custom header
Password	••••••••••••••••••••••••••	☐ Save helper data to request
	☐ Show Password	

a) Set the headers as below:

Key	Value		
☑ Authorization	Basic OTYyYjE1MmI1MWZhNGZkNzkzODUyODRiY2FiM2I0NDQ6NjdmNjIIZjRiZWRjNDE0MGI2...		
☑ Content-Type	application/x-www-form-urlencoded		
☰ ☑ nonce	MDEwNjIwMTcxNTMwMzY1OTk6NDU3ODcz		×
New key	value		

For getting 'nonce' header go to this URL: http://www.utilities-online.info/base64/

1) Enter the date time on left hand side box as format: 29052017183036599:457873
2) Click on encode button.

The 'nonce' header will be generated in right side box. Refer below screenshot
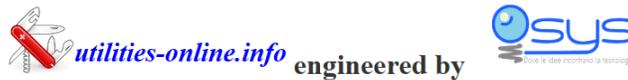
utilities-online.info **engineered by** sys

Donate Donate 0

Base64 encoder/decoder online

In this page you can encoder or decoder in Base64 a string and viceversa.

29052017183036599:457873

MjkwNTIwMTcxODMwMzY1OTk6NDU3ODcz

encode -->
decode -->
<-- encode
<-- decode

b) Set the body details as below:

Click on Send button. You will get the below response in JSON format.

Step 3: Access the Trade Inquiry API Service.

   UAT:

   Trade Inquiry: https://www.devconnect2nse.com/notis-slb/trades-inquiry

   Production/LIVE:

   Trade Inquiry: https://www.connect2nse.com/notis-slb/trades-inquiry
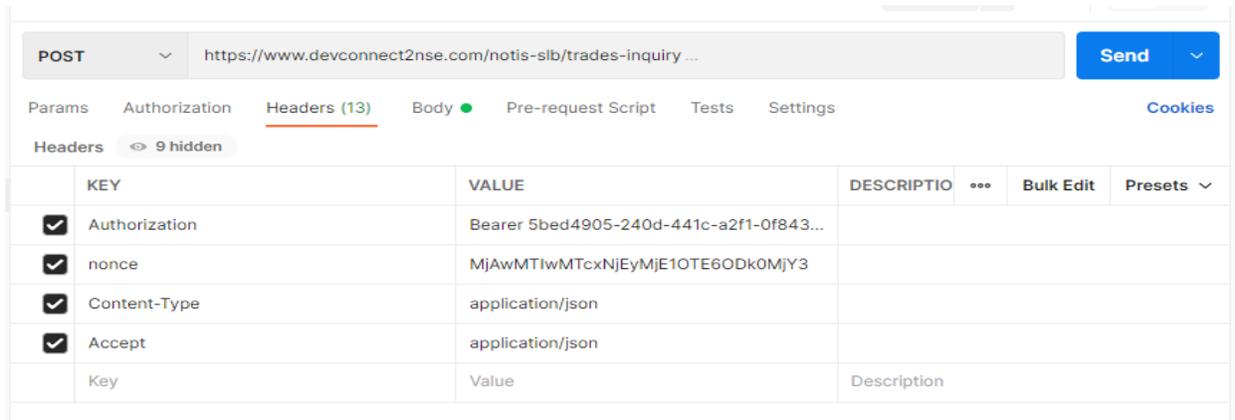
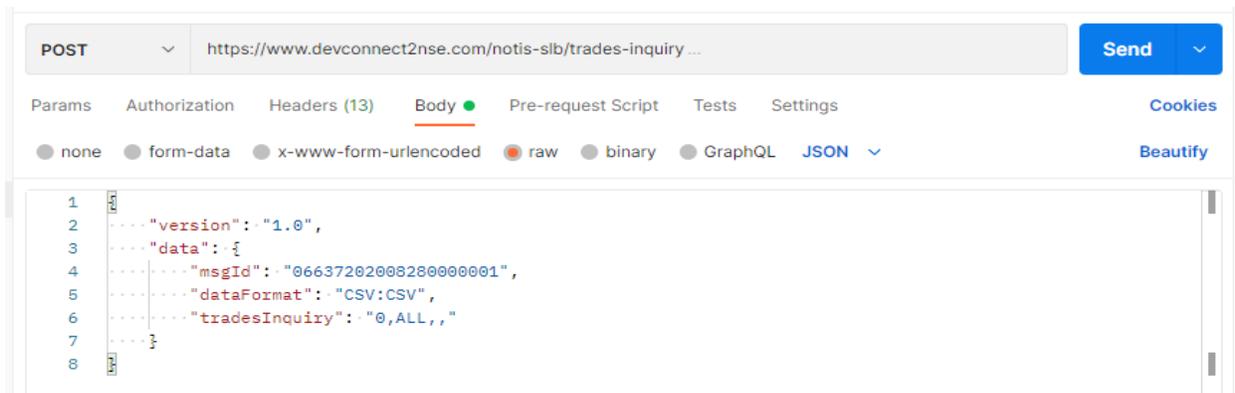a) Don't set the Authorization tab values here.
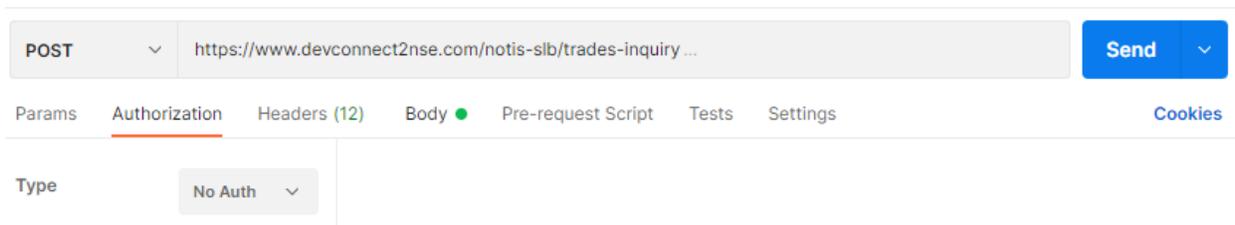
b) Set the headers as below:

We need to set Authorization key value as Bearer 'Token value' obtained from Step 1. The nonce value obtained will be same as obtained in Step 1.

c) Set the body tab with the required request body.

Click the Send button to get the response.

Disclaimer: The data provided in screenshots is sample data and is not applicable for any user.

Usage Guidelines:

a) Members should limit requests to 15 seconds between each request to the Trade Inquiry API/token service.

b) Members can send requests to the API between 6:30 AM to 5 AM next day. Kindly note that NOTIS services shall not be available between 5 AM to 6:30 AM due to maintenance activity.

c) Failure to adhere to the above guidelines will result in removal of IP from whitelist which means that member will not be able to access the API until IP is re-added to the whitelist.