

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:

POST Params Send Save

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

Key	Value	Bulk Edit	Presets ▼
<input checked="" type="checkbox"/> Authorization	Basic OTYyYjE1MmI1MWZhNGZkNzkODUyODRiY2FmZi0NDQ6NjdmNjIjZjRiZWVjNDE0MGI2...		
<input checked="" type="checkbox"/> Content-Type	application/x-www-form-urlencoded		
<input checked="" type="checkbox"/> nonce	MDEwNjIwMTcxNTMwMzY1OTk6NDU3ODcz		X
<input type="text" value="New key"/>	<input type="text" value="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



osys

My IP Temporary free email service Unix Epoch Time converter XML Tools Conversion/Encoding Tools Articles Other off-site resources Donate 0

Base64 encoder/decoder online

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

29052017183036599:457873

MDEwNjIwMTcxNTMwMzY1OTk6NDU3ODcz

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

b) Set the body details as below:

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

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

form-data x-www-form-urlencoded raw binary

	Key	Value	
<input checked="" type="checkbox"/>	grant_type	client_credentials	X
	New key	value	

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

POST ▼ https://www.devconnect2nse.com/token Send Save ▼

Params Authorization ● Headers (13) Body Pre-request Script Tests Cookies Code Comments (0)

none form-data x-www-form-urlencoded raw binary

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	grant_type	client_credentials			
	Key	Value	Description		

Body Cookies (3) Headers (8) Test Results Status: 200 OK Time: 333 ms Size: 1.18 KB Save Download

Pretty Raw Preview JSON ≡

```
1 {  
2   "access_token": "c758b6a0-cd34-4ee0-8716-fbf9bed9d696",  
3   "token_type": "bearer",  
4   "expires_in": 11946,  
5   "scope": "api_scope"  
6 }
```

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.

POST ▼ https://www.devconnect2nse.com/notis-slb/trades-inquiry ... Send ▼

Params Authorization Headers (12) Body ● Pre-request Script Tests Settings Cookies

Type No Auth ▼

b) Set the headers as below:

POST ▼ https://www.devconnect2nse.com/notis-slb/trades-inquiry ... Send ▼

Params Authorization Headers (13) Body ● Pre-request Script Tests Settings Cookies

Headers 9 hidden

	KEY	VALUE	DESCRIPTION	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Authorization	Bearer 5bed4905-240d-441c-a2f1-0f843...				
<input checked="" type="checkbox"/>	nonce	MjAwMTIwMTcxNjEyMjE1OTE6ODk0MjY3				
<input checked="" type="checkbox"/>	Content-Type	application/json				
<input checked="" type="checkbox"/>	Accept	application/json				
	Key	Value	Description			

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.

POST ▼ https://www.devconnect2nse.com/notis-slb/trades-inquiry ... Send ▼

Params Authorization Headers (13) Body ● Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON ▼ Beautify

```
1 {
2   "version": "1.0",
3   "data": {
4     "msgId": "06637202008280000001",
5     "dataFormat": "CSV:CSV",
6     "tradesInquiry": "0,ALL,"
7   }
8 }
```

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.