



NATIONAL E-GOVERNANCE SERVICES LIMITED  
(UNION GOVERNMENT COMPANY)

## **Debt Query API**

**V 1.0**

**API Document**

# API Document for Debt Query

## Introduction:

This document describes the process flow and technical specifications of Debt Query API. This is a RESTful API.

## Request URL:

Below is the endpoint URL on which data is to be submitted:

<https://sbox.nesl.co.in/debtqueryapi/request/>

There is a Basic Auth implementation in the API considering **userId:password** as an input to Basic Authentication. The **userid** and **password** will be same as NeSL IU login credentials.

## Request Parameter:

<i>Sl.no</i>	<i>Incoming Parameter Details</i>	<i>Parameter Name</i>	<i>Field Type</i>	<i>Mandatory</i>	<i>Description</i>
1	Info Type	info_type	Alpha Numeric	Y	The type of the input provided. The PAN or the CIN for which the Debt Query is required.
2	Debtor Pan/CIN	debtor_pan_cin	Alpha Numeric	Y	PAN or CIN value needs to be passed.
3	Requestor Pan	requestor_pan	Alpha Numeric	Y	The PAN of the requesting entity.

**Request Xml:**

Below is a sample request xml if the input is pan and output is in xml format:

```
<debt_query_request>
  <info_type>PAN/CIN</info_type >
  <debtor_pan_cin>NESLI1234T</debtor_pan_cin >
  <requestor_pan>ABCDE1234T</requestor_pan >
</debt_query_request>
```

**Response Parameter:**

<i>Sl no</i>	<i>Parameter Name</i>	<i>Parameter Details</i>	<i>Field Type</i>
1	debt_response_status	Debt Response Status	Boolean Status
2	is_reg	Indicates whether the party has registered on NeSL IU or not.	Character
3	reg_dt	Registration Date	Date
4	party_type	Party Type	
5	relationship	Relationship	Alphabet
6	authenticated	Percentage of Accepted authentications	Big Decimal
7	disputed	Percentage of Disputed authentications.	Big Decimal
8	no_action	Percentage of Pending authentications.	Big Decimal
9	not_presented	Percentage of to be presented authentications.	Big Decimal
10	deemed_auth	Percentage of deemed authentications.	Big Decimal
11	submitter	Name of the Submitter	Alphabet
12	debt_type	Debt Type	Alphabet
13	exposure	Exposure	Big Decimal
14	currency	Currency	Alphabet
15	debt_count	Debt Count	Integer
16	no_of_creditors	No. Of creditors	Integer

## Response Xml:

Sample response xml is as follows:

The output data for success response is given below:

```
<debt_query_response>

  <debt_response_status> true< /debt_response_status>
  <is_reg></is_reg>
  <reg_dt></reg_dt>
  <party_type></party_type>
  <auth_status>

    <auth_details>
      <relationship>Debtor<relationship>
        <authenticated > 23.33 </authenticated>
        <disputed > 10 </disputed> <no_action >
          23.33 </no_action > <not_presented >
            43.33 <not_presented > <deemed_auth >
              0 <deemed_auth >

    </auth_details>
    <auth_details>
      <relationship>Guarantor<relationship>
        <authenticated > 23.33 </authenticated>
        <disputed > 10 </disputed> <no_action >
          23.33 </no_action > <not_presented >
            43.33 <not_presented > <deemed_auth >
              0 <deemed_auth >

    </auth_details>
  </auth_status>
```

```
<debt_details>
  <debt>
    <submitter>Yourself</submitter>
    < debt_type>Financial - Funded</
debt_type> <exposure> 125,024.00
</exposure> <currency> INR </currency>
<debt_count> 5 </debt_count>
  </debt>
  <debt>
    <submitter>Yourself</submitter>
    < debt_type> Financial debt – Non-Funded </ debt_type>
    <exposure> 125,024.00 </exposure>
    <currency> INR </currency>
    <debt_count> 5 </debt_count>
  </debt>
  <debt>
    <submitter>Other Creditors</submitter>
    <debt_type>Financial - Funded</debt_type>
    <exposure> 125,024.00 </exposure>
    <currency> INR </currency>
    <no_of_creditors> 3 </no_of_creditors>
    <debt_count> 5 </debt_count>
  </debt>
</debt_details>
</debt_query_response>
```

The output data for failure response is given below:

```
<debt_query_response>  
    < debt_response _status> false< /debt_response _status>  
    <response_message></response_message>  
</debt_query_response>
```

The response message would be as given below:

<b><i>Response Details</i></b>	<b><i>Response Message</i></b>
If credentials are invalid / If he is not a financial submitter.	You are not authorized to use this service.
If the debtor has not got any loan submission against him in NeSL IU.	No data found.