



NATIONAL E-GOVERNANCE SERVICES LIMITED
(UNION GOVERNMENT COMPANY)

Record of Default Generation based on PAN/CIN

V 1.0

API Integration Document

API document for Record of Default Generation

Introduction:

This document describes the technical specifications of the *Record of Default* Generation API. This is a RESTful API.

Request URL:

The POST End Point URL to submit the data: <https://services.nesl.co.in/generateRodAPI>

(The domain of the end point URL may change)

Request Parameters:

SI No	Incoming Parameter Details	Parameter Name	Field Type	Mandatory	Description
1	Requestor User id	Part of Basic Auth	Alpha Numeric	Y	The User Id of the requesting entity as part of header.
2	Requestor Password	Part of Basic Auth	Alpha Numeric	Y	The Password of the requesting entity as part of header.
3	Primary Petitioner PAN	primary_petitioner	Alpha Numeric	Y	The PAN of the Primary Petitioner.
4	Secondary Petitioners' PAN	secondary_petitioners	Alpha Numeric	N	The PAN of the secondary Petitioners. This will be comma separated values.
5	Other Party Info Type	other_party_info_type	Alpha Numeric	Y	This field will hold the value of whether the input of the Debtor that is provided is PAN or CIN. Possible values are PAN or CIN
6	Other Party Info	other_party_info	Alpha Numeric	Y	The PAN/CIN of the debtor whose RECORD OF

					DEFAULT is required.
7	Reference ID	ref_ID	Alpha Numeric	N	16 digit reference number passed as part of the 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 provided by NeSL.
- The XML request has to be digitally signed by the Submitter using their private key. The request will be decrypted at the NeSL end using the submitter's public key. The submitter's public key needs to be shared with NeSL.
- The XML response has to be digitally signed using NeSL's private key. This response will be decrypted at the Submitter end using NeSL's public key.

Request Xml:

Below is a sample request xml in case of input is PAN

```
<rod_request>
  <primary_petitioner>XXXXX2345X</primary_petitioner>
  <secondary_petitioners>XXXXX1345X,XXXXX1345X</secondary_petitioners >
  <other_party_info_type>PAN</other_party_info_type>
  <other_party_info>ABCDE1234T </other_party_info>
  <ref_id>1234567890987654 </ref_id>
</rod_request >
<sign_info>218aagdauste823easjdasgdjasgd219askdkas</sign_info>
```

Response Parameter:

Below is the response parameter that is returned as part of the API response.

SI No	Parameter Details	Parameter Name	Field Type
1	Response code	response_code	Alpha Numeric
2	UDI of the loan record. This is the Unique Debt identifier of the Debtor in the NeSL database.	udi	Alpha Numeric

3	Base64 value of the Record of Default data	content	Alpha Numeric
4	Reference ID	ref_id	The same reference ID that was passed in the request.

Response Xml:

Below is the sample Response XML on successful transaction. Depending on the number of loans of the Debtor held by IU against the petitioner, there will be multiple xml blocks as shown in the response below.

```

<rod_response>
    <response_code>1</response_code>
    <ref_id>1234567890987654 </ref_id>

    <rod_data>
        <udi>XXXXX2345X_1234</udi>
        <content>gfdhgdylfuweuywuqw</content>
    </rod_data>

    <rod_data>
        <udi>XXXXX2345X_12345</udi>
        <content>gdfcxvvgshggyy</content>
    </rod_data>
</rod_response>

```

If the data is not present in IU or in case of any other error, appropriate message will be shown.

Below is the sample Response:

```

<rod_response>
    <response_code>ER001</response_code>
</rod_response>

```

Possible error and response codes

Error/Response Code	Description
ER001	Authentication Error.
ER002	Petitioner(s) Info Not Present.
ER003	Other Party Info Not Present.
1	Successful transaction
2	No ROD found for the Debtor