



NATIONAL E-GOVERNANCE SERVICES LIMITED
(UNION GOVERNMENT COMPANY)

Credit Facility Report

V 1.3

API Integration Document

API Document for Credit Facility Report

Introduction:

This document describes the process flow and the Technical Specifications of Credit Facility Report API. [Debt Exposure Report]. This is a RESTful API.

Request URL:

Below is the end point URL on which the data is to submitted:

<https://sbox.nesl.co.in/cfrapi/api/creditfacilityreport/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 Parameters:

SI No	Incoming Parameter Details	Parameter Name	Field Type	Mandatory	Description
1	Info Type	info_type	Alpha Numeric	Y	The type of the input provided. The PAN or the CIN for which the CFR is required.
2	Info Value	info_value	Alpha Numeric	Y	PAN or CIN value needs to be passed.
3	Requester PAN	requester_pan	Alpha Numeric	Y	The PAN of the requesting entity.
4	Type of Output Data	output_type	Alpha Numeric	Y	The output data format needs to be specified. Options are XML or PDF.
5	Has Debtor Consent	has_debtor_consent	Alpha Numeric	Y	This flag indicates whether the requesting entity has debtor consent to view the data or not.

Request Xml:

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

```
<cfr_request>
  <info_type>PAN</info_type >
  <info_value>NESLI1234T</info_value>
  <requester_pan>ABCDE1234T</requester_pan>
  <output_type>XML</output_type>
  <has_debtor_consent>Y</has_debtor_consent>
</cfr_request>
```

Response Parameters:

Below are the response parameters based on the input PAN or CIN.

SI No	Parameter Name	Parameter Details	Field Type
1	sr_no	Serial number	Integer
2	type_of_debt	Type of Debt	Alpha Numeric
3	relationship	Relationship to Debt	Alpha Numeric
4	buss_dt	Business Date	Date
5	dft_raised	Default Raised flag	Alpha Numeric
6	fund_type	Type of Fund	Alpha Numeric
7	snctn_amt	Sanction Amount	Big Decimal
8	toutstnd_amt	Total Outstanding Amount	Big Decimal
9	amt_ovr_due	Amount Overdue	Big Decimal
10	amt_of_dflt	Default Amount	Big Decimal
11	dt_of_dflt	Date of Default	Date
12	no_of_security	Number of Securities	Integer
13	auth_status_Date	Authentication Status Date	Date
14	creditor_uin	Creditor UIN	Alpha Numeric
15	name	Party name	Alpha Numeric
16	pan	PAN of the party	Alpha Numeric
17	cin	CIN of the party	Alpha Numeric
18	reg_addr	Registered address of the party	Alpha Numeric
19	reg_pin	Registered address pin of the party	Integer

20	comm_addr	Communication address of the party	Alpha Numeric
21	comm_pin	Communication address pin of the party	Integer

Response Xml:

Sample Response XML is as follows.

If the output data is in the form of XML, then the Response XML is as shown below,

```

<cfr_response>
  <cfr_response_status>true</cfr_response_status>
  <party_info>
    <name>XYZ Industries</name>
    <pan> NESL1234T</pan>
    <cin>UINMF56345272KL</cin>
    <reg_addr>BKC, Mumbai</reg_addr>
    <reg_pin>400051</reg_pin>
    <comm_addr> BKC, Mumbai</comm_addr>
    <comm_pin>400051</comm_pin>
  </party_info>
  <loan>
    <financial>
      <sr_no>1</sr_no>
      <type_of_debt>FINANCIAL DEBT</type_of_debt>
      <relationship>(Guarantor)</relationship>
      <buss_dt>21/03/2018</buss_dt>
      <dft_raised>PARTY TYPE CHECK</dft_raised>
      <fund_type>F</fund_type>
      <snctn_amt>900.00 INR</snctn_amt>
      <toutstnd_amt>837.15 INR</toutstnd_amt>
      <amt_ovr_due>0.00</amt_ovr_due>
      <amt_of_dflt>0.00</amt_of_dflt>
      <dt_of_dflt>(22/03/2018)</dt_of_dflt>
      <no_of_security>6</no_of_security>
      <auth_status_Date>NA</auth_status_Date>
      <creditor_uin>ABC BANK (UIN:S5555555D)</creditor_uin>
    </financial>
    <operational>
      <sr_no>1</sr_no>
      <type_of_debt>OPERATIONAL DEBT</type_of_debt>
      <relationship>(Guarantor)</relationship>
      <buss_dt>21/03/2018</buss_dt>

```

```
<dft_raised>22042019_</dft_raised>
<fund_type>NA</fund_type>
<snctn_amt>900.00 INR</snctn_amt>
<toutstnd_amt>837.15 INR</toutstnd_amt>
<amt_ovr_due>0.00</amt_ovr_due>
<amt_of_dflt>0.00</amt_of_dflt>
<dt_of_dflt>NA</dt_of_dflt>
<no_of_security>1</no_of_security>
<auth_status_Date>NA</auth_status_Date>
<creditor_uin>ABC BANK (UIN :SSSS5555D)</creditor_uin>
</operational>
</loan>
</cfr_response>
```

If the response is in PDF format, then the output data is base64 encoded value of the PDF file.

Below is a sample response XML:

```
<cfr_response>
  <cfr_response_status>true</cfr_response_status>
  <Response>
JVBERi0xLjQKJeLj9MKMSAwIG9iago8PC9Db2xvclNwYWwNILORldmljZVJHQi9TdWJ0eX
BIL0ltYWdlL0hlaWdodCA5Ny9GaWw0ZXlvRmxhdGVEZWNvZGUvVHlwZS9YT2JqZWNO
LORiY29kZVBhcm1zPDwvQ29sdW1ucyAxMzYzL0NvbG9ycyAzL1ByZWVpY3RvciAxNS9
CaXRzUGVvYQ29tcG9uZW50IDg+Pi9XaWR0aCAxMzYzL0xlbmd0aCAxNzgxMi9CaXRzU
GVvYQ29tcG9uZW50IDg+PnN0cmVhbQp4nO3dd1gUV9cA8HPvzO7Sq4ICigiiqAgldkRjQ
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tAcXze3h8ZJm5c3d2FvbMPfdccunSJT8/P0AIIYQQQgghhFBTRBu7AwghhBBCCCGEEKp
HGPKjhBBCCCGEEEJNGUb+CCGEEIIIYRQU4aRP0IIYQQQggh1JRh5I8QQgghhBBCCDVI
GPKjhBBCCCGEEEJNGUb+CCGEEIIIYRQU8Y32JH69V/VYMDCCCGEEIIoaoxDoCdOvV+
0QMvv7I5NVVZw0bA1cVmzfpXFHJ5LbqQk5M75qXfVYLAAGRAbgaN8GYmZnr7t1vc1
zN9306MMbi45NDz8SFHt26e1dZoCqQmBqISAgx4FE4JgYGtp87L6jcnv5ftmvP3kQAgF
oclBECKgTkrTfbv/XW4Lp1s140XOSPEEIIYQQQk0Qg5i4jF07w8eO7V2LveVyGeUYEygQ
OeBde/plZGQf2H/j+PF7sfycRSYxImrCbkoAABijwAwW/EtAGBjyVslzBCN/hBBCCCGEEKo
DIhEgv2654uXl6OHhXNO9KeV4TgZQCCACKwFh9dHHp01hoSrsqw1TjXlPhz3MzVcCEG
AyAEpBlowQRhIQAEqIAGCwEyIBz57XCe8Y+SOEEIIIYRQXRACJD+PW7r89NrVrysUNcv
5J4TwPacgEWAAFKdpj/yHXbi76udzDxJzGWESCARkAlyQQsI4kBQMJEYyIyKAAEDAgKP
OTDBYU8+a5/SGB0IIYQQQgZBiGMAKPCvdisNatP13RvSgmIDAgjjGNNPezPzVUuW3Z
w7ucHEXjZGGEAQIEn2oR+GSOUUQGoBIQRIAQoAUJ00b8hvhhz2kl/Jw+bYQQQgghhB
AyuH933ztz5mZN9+I4HrQRaVNO9c/Ozp0z68jefTGiQMjzManh6YGRP0IIYQQQgZhsG
Kf/rp4uPHqdXfhVJkkGjHpJtu+bns7Nx58/Zfu/GIMQbA4Hkde28seLoRQgghhBBCyDAIw
OPU9J9/Cq/RXpQTAaR66tJTYsWKY9evpQBRA/AADMjzO+W+UWDkxjBCCCGEEEGwS
RGmNHZc7FnQ29Ufy8CIhAGrPbJ/ow91cnz58/dPX4qXpPTQlgagADjGrtTzxeM/BFCCCG
```

EEELIQChloJJE8tNP5xITH1d7JwqMApAmmeyfkZH1v/+dB1FTx48DoECa8ryGpxNG/ggh
hBCCCCfkGIRpQ9rHyfD554eUyrzq7EWbZsivdeigtSdPsoHJGrsjzzWM/BFCCCGEEELIQB
gljAeqZiQ/LiHz998vVmenJh34w4ULyYwQQtSN3ZHnGkb+CCGEEIIIWQYhlgAAIwAkQ
Dg779uxcUIVWe3uh/66Zzpn59fEH07nREBY8/GhWcfYQQQgghhAyDEYkBA+AY8MC4
QrWwdOIJpTK/8r2a8Jh/9M34vHw1IRIDLONxmDDyRwghhBBCCCFD4YAQIIwAEAAG0o
1byUsXn5Ckjr5oX0Xi41MJYUTiQMNgRoJRv4IYYQQgghVA+0sS49eSrx4MGrIW3YdCv
dP36cDUCh6T7BZwVG/gghhBBCCCFUDxghDEBUMC577drL9xOSG7tDjSAzQwnAgDA
M/hsXRv4IYYQQgghVA8IABBK1FQ0zs7K/9/Kc89hzn9hYSGABCABw8i/MfGN3QGEEC
pJbjf2I3dn3tov0Nmu+OYkU8bePXU7K+HYZAIvSP2rrZazt4xOkjzFKufvpaaLjez0zGjtwz
1ZkHACiMXPvHRyHKilqRe9I1jE65WuMTYDr2x/HTvBQ17jUAQPr+T3csiRBqtW+9qORO
6f2onG5X5zzX9gzXnd4VUk1SVuThuldC+rGfboY/i++JBtR4LytCCDEAynQj3levPjx44ErQc
N/ynta6vKLgiCKImOM43mO40idaw8SjmNEIJBak8mMUIUjBQCEeXUzNbW2NLSWCY
DQsVq9plwrnUrs7r35FmEkT9C6Gkh9+04fZLvUC/L8qIfYurqHuQKEOQ3KTZ66+rQZzP+r
wO53dgv+k3qXbB11B4MYOrFM3eGqaXXUG8vgKA3ysbD80Ktnkmet3QnrmXFSHU1
FDNsL/2O4lu3nK1Z692NjYWjdmpMnKSk5VhI8yibpGbN2nSI1aQB4wBISubWbM2jiovL
86/r007N0JrkzBuZmoMjNOWO6wbwqmlxMzNZOPG+Qwe3LF5c+u635h4fmDkxB6Gp
gPmTXk46AWplVvSUxdO05b5tjzOQp15H5j/d+f6OFqSkBlaoZONEnP+Bmmlj7vjfnNcc/
EpQ+fj3dENT3jLytCqGmSUh4XfjFv3+Klly0sSow8s8YY8s/PzX1y+
</Response>
</cfr_response>