

STERLING SOFTWARE PVT LTD

Technical Specifications - Transactions

Project: NMF II Webservice

Version 10.4
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1 Web Services – Technical Specifications

1.1 Introduction

1.2 Definitions

The following are the definitions for the terms used in the document:

1.3 Scope of the project

1.3.1 Within Scope

The scope of this project is limited to designing, building and implementing Common Transaction Acceptance Platform as described in this document.

1.3.2 Out of scope

- Building and hosting of website / client application.

1.4 General Requirements

- In addition to the service specific parameters as described in this document, the following parameters shall be mandatory input for each service:
 - Application ID – Unique User ID to authenticate Web service requests.
 - Password – Valid password for the User ID.
- The Web services will be deployed on secure channel (HTTPS).
- The Web services will return data in industry standard XML message format.
- Based on this input we have to implement the service level authentication.

Sl. No	Column Name	Data Type	Mandatory	Field Validation
1	Application ID	Varchar2(20)	Yes	Must be a valid user id for the purpose of authenticating web service requests.
2	Password	Varchar2(15)	Yes	Must be a valid password for the Application ID.
3	Broker Code	Varchar2(15)	Yes	Must be valid Broker Code.

- The web services shall return the result code as '0' or any other digit(s), where 0 indicates success and non-zero value indicates errors.
- Request and Response format will have xml version like `<? xml version=""1.0"" encoding=""UTF-8""?>`
- The values of Application ID & Password are:
 1. Application ID - << Contact NSE BO >>
 2. Password – << Contact NSE BO >>

This is mandatory information to consume the API

- Valid Broker Code - Broker should be empaneled
- Valid Application ID and Password

1.5 Service Specific Requirements

1.5.1 Method to create customer

Method Name: “**CREATECUSTOMER**”

This service will allow to create new Customer ID (IIN – **Client Registration**)

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>HJR$W34F3</password>
    <broker_code>ARN-44332</broker_code>
    <process_mode>D</process_mode>
    <title>Mr.</title>
    <inv_name>anil jadhav</inv_name>
    <pan>BJKPM3516R</pan>
    <valid_pan>Y</valid_pan>
    <exemption>N</exemption>
    <exempt_category></exempt_category>
    <exempt_ref_no></exempt_ref_no>
    <dob>02-jan-1989</dob>
    <hold_nature>SI</hold_nature>
    <tax_status>06</tax_status>
    <kyc>Y</kyc>
    <fh_ckyc>Y</fh_ckyc>
    <fh_ckyc_refno>5462</fh_ckyc_refno>
    <occupation>1A</occupation>
    <mfu_can></mfu_can>
    <dp_id></dp_id>
    <father_name></father_name>
    <mother_name></mother_name>
    <trxn_acceptance>ph</trxn_acceptance>
    <addr1>xxx</addr1>
    <addr2></addr2>
    <addr3></addr3>
    <city>Ahmedabad</city>
    <state>GU</state>
    <pincode>384250</pincode>
    <country>IND</country>
    <mobile_no>8975641235</mobile_no>
    <res_phone></res_phone>
    <off_phone></off_phone>
    <res_fax></res_fax>
    <off_fax></off_fax>
    <email>test@gmail.com</email>
```

<nri_addr1></nri_addr1>
<nri_addr2></nri_addr2>
<nri_addr3></nri_addr3>
<nri_city></nri_city>
<nri_state></nri_state>
<nri_pincode></nri_pincode>
<nri_country></nri_country>
<bank_name>**ICICI**</bank_name>
<acc_no>**037010100256352**</acc_no>
<acc_type>**SB**</acc_type>
<ifsc_code>**ICIC0001878**</ifsc_code>
<branch_name></branch_name>
<branch_addr1>**yamunanagar,pune**</branch_addr1>
<branch_addr2></branch_addr2>
<branch_addr3></branch_addr3>
<branch_city>**yamunanagar**</branch_city>
<branch_pincode>**411045**</branch_pincode>
<branch_country>**IND**</branch_country>
<jh1_name></jh1_name>
<jh1_pan></jh1_pan>
<jh1_valid_pan></jh1_valid_pan>
<jh1_exemption></jh1_exemption>
<jh1_exempt_category></jh1_exempt_category>
<jh1_exempt_ref_no></jh1_exempt_ref_no>
<jh1_dob></jh1_dob>
<jh1_kyc><jh1_kyc>
<jh1_ckyc></jh1_ckyc>
<jh1_ckyc_refno></jh1_ckyc_refno>
<jh1_email></jh1_email>
<jh1_mobile_no></jh1_mobile_no>
<jh2_name></jh2_name>
<jh2_pan></jh2_pan>
<jh2_valid_pan></jh2_valid_pan>
<jh2_exemption></jh2_exemption>
<jh2_exempt_category></jh2_exempt_category>
<jh2_exempt_ref_no></jh2_exempt_ref_no>
<jh2_dob></jh2_dob>
<jh2_kyc></jh2_kyc>
<jh2_ckyc></jh2_ckyc>
<jh2_ckyc_refno></jh2_ckyc_refno>
<jh2_email></jh2_email>
<jh2_mobile_no></jh2_mobile_no>
<no_of_nominee>**0**</no_of_nominee>
<nominee1_type></nominee1_type>
<nominee1_name></nominee1_name>
<nominee1_dob></nominee1_dob>
<nominee1_addr1></nominee1_addr1>
<nominee1_addr2></nominee1_addr2>
<nominee1_addr3></nominee1_addr3>
<nominee1_city></nominee1_city>
<nominee1_state></nominee1_state>
<nominee1_pincode></nominee1_pincode>
<nominee1_relation></nominee1_relation>

```

<nominee1_percent></nominee1_percent>
<nominee1_guard_name></nominee1_guard_name>
<nominee1_guard_pan></nominee1_guard_pan>
<nominee2_type></nominee2_type>
<nominee2_name></nominee2_name>
<nominee2_dob></nominee2_dob>
<nominee2_relation></nominee2_relation>
<nominee2_percent></nominee2_percent>
<nominee2_guard_name></nominee2_guard_name>
<nominee2_guard_pan></nominee2_guard_pan>
<nominee3_type></nominee3_type>
<nominee3_Name></nominee3_Name>
<nominee3_dob></nominee3_dob>
<nominee3_relation></nominee3_relation>
<nominee3_percent></nominee3_percent>
<nominee3_guard_name></nominee3_guard_name>
<nominee3_guard_pan></nominee3_guard_pan>
<guard_name></guard_name>
<guard_pan></guard_pan>
<guard_valid_pan></guard_valid_pan>
<guard_exemption></guard_exemption>
<guard_exempt_category></guard_exempt_category>
<guard_pan_ref_no></guard_pan_ref_no>
<guard_dob></guard_dob>
<guard_kyc></guard_kyc>
<guard_ckyc></guard_ckyc>
<guard_ckyc_refno></guard_ckyc_refno>
<micr_no>123456789</micr_no>
<FD_Flag>Y</FD_Flag>
<App_Key>123456789</App_Key>
<guardian_relation></ guardian_relation>
<mobile_relation></mobile_relation >
<email_relation></email_relation >
</service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	
Password	Password	Varchar2(15)	Y	
broker_code	Broker Code	Varchar2(15)	Y	
process_mode	Process Mode	Varchar2(1)	N	Value will be P / D P - Physical D - Digital For Corporate only Physical Mode is allowed and for Individual Physical

				and Digital Mode is allowed. Default Value will be "P", If this Tag is not given.
Title	Title	Varchar2(6)	N	Mr. or Mrs. or Ms. or M/S.
inv_name	Investor Name	Varchar2(70)	Y	Individual : Special Character not allowed for name Corporate : Allowed special character but First character special character not allowed.
Pan	PAN	Varchar2(10)	Y	
valid_pan	Valid PAN	Char(1)	Y	Y or N
exemption	Exemption	Char(1)	Y	Y or N
exempt_category	Exemption Category	Varchar2(5)	Y	Refer PAN exempt category Master and pass the exempt category code in the XML.
exempt_ref_no	PAN Reference No	Varchar2(15)	Y	Pass the PAN Exempt Reference No.
dob	DOB/DOI	Date(dd-Mon-yyyy)	N	Date of Birth / Date of Incorporation. Mandatory when Investor is Minor or when FH_CKYC is "Y".
hold_nature	Holding Nature Code	Varchar2(2)	Y	Refer Holding nature master
tax_status	Tax status Code	Varchar2(2)	Y	MINOR flag – Values will be "Y" for minor applicable tax status (i.e '02' and '42' are Minor Tax Status) NOMINEE flag – Values will be "Y" for Nominee applicable tax status JOINTHOLDERS flag – Values will be "Y" for Joint Holder applicable tax status RESIDENT flag- Value will be "Y" for Resident applicable Tax Status RESIDENT flag- Value will be "N" for NRI applicable Tax Status CORPORATE flag - Value will be "Y" for corporate applicable Tax Status
kyc	KYC	Varchar2(1)	Y	Y or N

fh_ckyc	First holder Ckyc	Varchar2(1)	N	Y or N
fh_ckyc_refno	First holder cKYC Refno	Varchar2(20)	N	Mandatory when fh_ckyc is "Y"
occupation	Occupation Code	Varchar2(2)	N	Refer occupation master
mfu_can	MFU CAN	Varchar2(20)	N	CAN generated in MF Utility application
dp_id	DP ID	Varchar2(20)	N	DPID Should be length 16. It should be First Two character Alpha (IN) and remaining 14 character is Numeric or else 16 character should be Numeric
father_name	Father Name	Varchar2(40)	N	
mother_name	Mother Name	Varchar2(40)	N	
txn_acceptance	Transaction Acceptance	Varchar2(10)	N	Ph(By Phone) or OL(Online) or ALL
addr1	Address1	Varchar2(120)	Y	
addr2	Address2	Varchar2(120)	N	
addr3	Address3	Varchar2(120)	N	
city	City	Varchar2(35)	Y	Refer pincode city master
state	State code	Varchar2(35)	Y	Refer state master
pincode	Pincode	Varchar2(15)	Y	Refer pincode city master
country	Country	Varchar2(35)	Y	Refer Country master
mobile_no	Mobile No	Varchar2(13)	Y	
res_phone	Residence Phone	Varchar2(35)	N	
off_phone	Office Phone	Varchar2(35)	N	
res_fax	Residence Fax	Varchar2(35)	N	
off_fax	Office Fax	Varchar2(35)	N	
email	Email	Varchar2(128)	Y	
nri_addr1	NRI Address1	Varchar2(120)	N	It is mandatory for NRI tax Status.
nri_addr2	NRI Address2	Varchar2(120)	N	It is mandatory for NRI tax Status.
nri_addr3	NRI Address3	Varchar2(120)	N	It is mandatory for NRI tax Status.
nri_city	NRI City	Varchar2(40)	N	It is mandatory for NRI tax Status.
nri_state	NRI State	Varchar2(4)	N	It is mandatory for NRI tax Status.
nri_pincode	NRI Pincode	Varchar2(15)	N	It is mandatory for NRI tax Status.

nri_country	NRI Country	Varchar2(35)	N	It is mandatory for NRI tax Status.
bank_name	Bank Name	Varchar2(40)	Y	Refer Bank master For Minor Tax Status: Please register bank account of minor or jointly with guardian, otherwise IIN will be deactivated and transaction will be rejected by RTA.
acc_no	Account No	Varchar2(40)	Y	
acc_type	Account type	Varchar2(5)	Y	Refer account type master
ifsc_code	IFSC Code	Varchar2(20)	Y	IFSC0000001
branch_name	Branch Name	Varchar2(40)	Y	
branch_addr1	Branch Address1	Varchar2(120)	Y	
branch_addr2	Branch Address2	Varchar2(120)	N	
branch_addr3	Branch Address3	Varchar2(120)	N	
branch_city	Branch City	Varchar2(35)	N	Refer pincodecity master
branch_pincode	Branch Pincode	Varchar2(15)	N	Refer pincodecity master
branch_country	Branch Country	Varchar2(35)	N	Refer Country master
jh1_name	JH1 Name	Varchar2(75)	N	Individual : Special Character not allowed for name Corporate : Allowed special character but First character special character not allowed.
jh1_pan	JH1 PAN	Varchar2(10)	N	
jh1_valid_pan	JH1 Valid PAN	Char(1)	N	Y or N
jh1_exemption	JH1 Exemption	Char(1)	N	
jh1_exempt_category	JH1 Exemption Category	Varchar2(5)	N	Refer PAN exempt category Master
jh1_exempt_ref_no	JH1 PAN Reference No	Varchar2(15)	N	
jh1_dob	JH1 DOB	Date(dd-Mon-yyyy)	N	Mandatory when jh1_ckyc is "Y"
jh1_kyc	JH1 KYC	Varchar2(1)	N	Y or N
jh1_ckyc	Joint holder1 Ckyc	Varchar2(1)	N	Y or N
jh1_ckyc_refno	Joint holder1 cKYC Refno	Varchar2(20)	N	Mandatory for jh1_ckyc is "Y".
Jh1_email	JH1 Email	Varchar2(128)	N	mandatory for hold_nature is "JO (JOINT)" or "AS (ANYONE / SURVIVOR)" or

				“ES (EITHER/SURVIVOR)”
jh1_mobile_no	Jh1 mobile no	Varchar2(13)	N	mandatory for hold_nature is “JO (JOINT)” or “AS (ANYONE / SURVIVOR)” or “ES (EITHER/SURVIVOR)”
jh2_name	JH2 Name	Varchar2(75)	N	Individual : Special Character not allowed for name Corporate : Allowed special character but First character special character not allowed.
jh2_pan	JH2 PAN	Varchar2(10)	N	
jh2_valid_pan	JH2 Valid PAN	Char(1)	N	
jh2_exemption	JH2 Exemption	Char(1)	N	
jh2_exempt_category	JH2 Exemption Category	Varchar2(5)	N	Refer PAN exempt category Master
jh2_exempt_ref_no	JH2 PAN Reference No	Varchar2(15)	N	
jh2_dob	JH2 DOB	Date(dd-Mon-yyyy)	N	Mandatory when jh2_ckyc is “Y”
jh2_kyc	JH2 KYC	Varchar2(1)	N	Y or N
jh2_ckyc	Joint holder2 cKYC	Varchar2(1)	N	Y or N
jh2_ckyc_refno	Joint holder2 cKYC Refno	Varchar2(11)	N	Mandatory when jh2_ckyc is “Y”
jh2_email	Jh2 email	Varchar2(20)	N	mandatory for hold_nature is “JO (JOINT)” or “AS (ANYONE / SURVIVOR)” or “ES (EITHER/SURVIVOR)”
jh2_mobile_no	Jh2 mobile no	Varchar2(13)	N	mandatory for hold_nature is “JO (JOINT)” or “AS (ANYONE / SURVIVOR)” or “ES (EITHER/SURVIVOR)”
no_of_nominee	No of Nominee	Number (1)	N	1 or 2 or 3
nominee1_type	Nominee1 Type	Varchar2(15)	N	N or Y(Major/Minor)
nominee1_name	Nominee1 Name	Varchar2(40)	N	Individual : Special Character not allowed for name Corporate : Allowed special character but First character special character not allowed.

nominee1_dob	Nominee1 DOB	Date(dd-Mon-yyyy)	N	
nominee1_addr1	Nominee1 Address1	Varchar2(120)	N	
nominee1_addr2	Nominee1 Address2	Varchar2(120)	N	
nominee1_addr3	Nominee1 Address3	Varchar2(120)	N	
nominee1_city	Nominee1 City	Varchar2(40)	N	Refer pincode city master
nominee1_state	Nominee1 State code	Varchar2(4)	N	Refer state master
nominee1_pincode	Nominee1 Pincode	Varchar2(15)	N	Refer pincode city master
nominee1_relation	Nominee1 Relation	Varchar2(40)	N	Father or Mother or Wife or Husband or Son or Daughter or Father-in-law or Mother-in-law or Son-in-law or Daughter-in-law or Aunt or Uncle or Niece or Nephew or Brother or Sister or Grand Father or Grand Mother or Others
nominee1_percent	Nominee1 Percent	Number (25,8)	N	
nominee1_guard_name	Nominee1 Guardian Name	Varchar2(75)	N	Individual : Special Character not allowed for name Corporate : Allowed special character but First character special character not allowed.
nominee1_guard_pan	Nominee1 Guardian PAN	Varchar2(10)	N	
nominee2_type	Nominee2 Type	Varchar2(15)	N	N or Y (Major/Minor)
nominee2_name	Nominee2 Name	Varchar2(40)	N	Individual : Special Character not allowed for name Corporate : Allowed special character but First character special character not allowed.
nominee2_dob	Nominee2 DOB	Date(dd-Mon-yyyy)	N	
nominee2_relation	Nominee2 Relation	Varchar2(40)	N	Father or Mother or Wife or Husband or Son or Daughter or Father-in-law or Mother-in-law or Son-in-law or Daughter-in-law or Aunt or Uncle or Niece or Nephew or Brother or Sister or Grand Father or Grand Mother or Others
nominee2_percent	Nominee2 Percent	Number(5,2)	N	

nominee2_guard_name	Nominee2 Guardian Name	Varchar2(75)	N	Individual : Special Character not allowed for name Corporate : Allowed special character but First character special character not allowed.
nominee2_guard_pan	Nominee2 Guardian PAN	Varchar2(10)	N	
nominee3_type	Nominee3 Type	Varchar2(15)	N	N or Y(Major/Minor)
nominee3_Name	Nominee3 Name	Varchar2(40)	N	Individual : Special Character not allowed for name Corporate : Allowed special character but First character special character not allowed.
nominee3_dob	Nominee3 DOB	Date(dd-Mon-yyyy)	N	
nominee3_relation	Nominee3 Relation	Varchar2(40)	N	Father or Mother or Wife or Husband or Son or Daughter or Father-in-law or Mother-in-law or Son-in-law or Daughter-in-law or Aunt or Uncle or Niece or Nephew or Brother or Sister or Grand Father or Grand Mother or Others
nominee3_percent	Nominee3 Percent	Number (25,8)	N	
nominee3_guard_name	Nominee3 Guardian Name	Varchar2(35)	N	Individual : Special Character not allowed for name Corporate : Allowed special character but First character special character not allowed.
nominee3_guard_pan	Nominee3 Guardian PAN	Varchar2(10)	N	
guard_name	Guardian Name	Varchar2(120)	N	Individual : Special Character not allowed for name Corporate : Allowed special character but First character special character not allowed.
guard_pan	Guardian PAN	Varchar2(45)	N	
guard_valid_pan	Guardian Valid PAN	Char (1)	N	Y or N
guard_exemption	Guardian Exemption	Char (1)	N	Y or N

guard_exempt_category	Guardian Exemption Category	Varchar2(25)	N	Refer PAN exempt category Master
guard_pan_ref_no	Guardian PAN Reference No	Varchar2(15)	N	
guard_dob	Guardian DOB	Date(dd-Mon-yyyy)	N	Mandatory when guard_ckyc is "Y"
guard_kyc	Guardian KYC	Varchar2(1)	N	Y or N
guard_ckyc	Guard cKYC	Varchar2(1)	N	Y or N
guard_ckyc_refno	Guard cKYC Ref No	Varchar2(11)	N	Mandatory when guard_ckyc is "Y"
micr_no	Micr No	Varchar2(20)	N	123456789
FD_Flag	FD Corporate Flag	Char (1)	N	Y or N. By default we will consider as 'N'
App_Key	Application Key	Varchar2(100)	N	Mandatory when FD_Flag is given 'Y'
Guardian_relation	Guardian Relation	Varchar2(50)	N	<p>Value Should be</p> <p>NG or LG</p> <p>1.NG - Natural guardian 2.LG - Legally appointed guardian</p> <p>If value is not provide then default value will be updated as natural guardian (NG).</p>
Mobile_relation	Mobile Relation	Varchar2(5)	N	<p>It is mandatory for Individual tax status.</p> <p>Kindly refer Master API service to get the Relationship Code (GET_RELATIONSHIP_MASTER API Method)</p> <p>Value should be</p> <p>SE = Self SP = Spouse DC = Dependent Children DS = Dependent Siblings DP = Dependent Parents GD = Guardian PM = PMS CD = Custodian PO = POA</p>
Email_relation	Email Relation	Varchar2(5)	N	<p>It is mandatory for Individual tax status.</p> <p>Kindly refer Master API</p>

				service to get the Relationship Code (GET_RELATIONSHIP_MASTER API Method) Value should be SE = Self SP = Spouse DC = Dependent Children DS = Dependent Siblings DP = Dependent Parents GD = Guardian PM = PMS CD = Custodian PO = POA
--	--	--	--	--

The requested service will return the following output as response:

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      IIN Created. Customer ID: 5011000042
    </return_msg>
  </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Investor Name should not be empty
    </return_msg>
  </service_response>
  <service_response>
    <return_msg>
      Invalid PAN
    </return_msg>
  </service_response>
  <service_response>
    <return_msg>
      Invalid Date Format
    </return_msg>
  </service_response>
</NMFIIService>

```

```
</return_msg>
</service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
return_msg	IIN Created. Customer ID : 5011000042

Failure:

XML Tag	Remarks
return_msg	Investor Name should not be empty
	Invalid PAN

1.5.2 Method to get IIN Details

Method Name: **"IINDETAILS"**

This service will allow to get IIN information

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>test</appln_id>
    <password>test$123</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011000029</iin>
  </service_request>
</NMFIIService>
```


Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	
password	Password	Varchar2(15)	Y	
broker_code	Broker Code	Varchar2(15)	Y	
iin	IIN	Varchar2(10)	Y	

The invoke requested service and return the following output.

For Success Case:

```
<NMFIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <brok_dlr_code>ARN-70209</brok_dlr_code>
    <title></title>
    <customer_id>5011209730</customer_id>
    <investor_name>Rabic</investor_name>
    <inv_name_cusid>Rabic/5011209730</inv_name_cusid>
    <fh_pan_no>STERL2345A</fh_pan_no>
    <fh_valid_pan>y</fh_valid_pan>
    <pan_exem_category></pan_exem_category>
    <pan_exem_ref_no></pan_exem_ref_no>
    <date_of_birth></date_of_birth>
    <hold_n_code>jo</hold_n_code>
    <hold_nature_desc>joint</hold_nature_desc>
    <tax_status_code>01</tax_status_code>
    <tax_status_desc>individual</tax_status_desc>
    <kyc_status>y</kyc_status>
    <occupation_code></occupation_code>
    <occupation_desc></occupation_desc>
    <mfu_can></mfu_can>
    <dp_id></dp_id>
    <father_name></father_name>
    <mother_name></mother_name>
    <trxn_thro>ol</trxn_thro>
    <address1>123</address1>
    <address2></address2>
    <address3></address3>
    <city>chennai</city>
    <state>tn</state>
    <state_name>tamilnadu</state_name>
    <pincode>600001</pincode>
    <country>ind</country>
    <country_name>india</country_name>
    <mobile_no>9876543210</mobile_no>
    <phone_off></phone_off>
```

<phone_res></phone_res>
<fax_off></fax_off>
<fax_res></fax_res>
<email>rabicrajaa@sterlingsoftware.co.in</email>
<nri_address1></nri_address1>
<nri_address2></nri_address2>
<nri_address3></nri_address3>
<nri_city></nri_city>
<nri_state></nri_state>
<nri_country></nri_country>
<nri_pincode></nri_pincode>
<bank_name>acb3</bank_name>
<ac_type>cc</ac_type>
<ifsc_code>hdfc0000001</ifsc_code>
<ac_no>4658785797979</ac_no>
<branch_name>test</branch_name>
<branch_address1>123</branch_address1>
<branch_address2></branch_address2>
<branch_address3></branch_address3>
<branch_city></branch_city>
<branch_pincode></branch_pincode>
<branch_country></branch_country>
<jh1_name>sekar</jh1_name>
<jh1_pan_no>sterl2345s</jh1_pan_no>
<jh1_valid_pan>y</jh1_valid_pan>
<joint1_pan_exem_category></joint1_pan_exem_category>
<joint1_exem_ref_no></joint1_exem_ref_no>
<jh1_kyc_status>y</jh1_kyc_status>
<jh1_dob></jh1_dob>
<jh1_communication_email></jh1_communication_email>
<jh1_communication_mobile></jh1_communication_mobile>
<jh2_name></jh2_name>
<jh2_pan_no></jh2_pan_no>
<jh2_valid_pan>n</jh2_valid_pan>
<joint2_pan_exem_category></joint2_pan_exem_category>
<joint2_exem_ref_no></joint2_exem_ref_no>
<jh2_dob></jh2_dob>
<jh2_kyc_status></jh2_kyc_status>
<jh2_communication_email></jh2_communication_email>
<jh2_communication_mobile></jh2_communication_mobile>
<nominee_count></nominee_count>
<nom_country></nom_country>
<nom1_name></nom1_name>
<nom1type></nom1type>
<nom1_date_of_birth></nom1_date_of_birth>
<nom1_percentage></nom1_percentage>
<nom1_relation></nom1_relation>
<nom1_address1></nom1_address1>
<nom1_address2></nom1_address2>
<nom1_address3></nom1_address3>
<nom1_city></nom1_city>
<nom1_pincode></nom1_pincode>
<nom1_state></nom1_state>

```

<nom1_country></nom1_country>
<nom1_guardian></nom1_guardian>
<nom1_guardianpan></nom1_guardianpan>
<nom2_name></nom2_name>
<nom2type></nom2type>
<nom2_dob></nom2_dob>
<nom2_relation></nom2_relation>
<nom2_percentage></nom2_percentage>
<nom2_guardianname></nom2_guardianname>
<nom2_guardianpan></nom2_guardianpan>
<nom3_name></nom3_name>
<nom3type></nom3type>
<nom3_relation></nom3_relation>
<nom3_percentage></nom3_percentage>
<nom3_dob></nom3_dob>
<nom3_guardianname></nom3_guardianname>
<nom3_guardianpan></nom3_guardianpan>
<guardian></guardian>
<guardian_pan_no></guardian_pan_no>
<guardian_valid_pan>n</guardian_valid_pan>
<guard_pan_exem_category></guard_pan_exem_category>
<guard_exem_ref_no></guard_exem_ref_no>
<guardian_kyc_status></guardian_kyc_status>
<guardian_dob></guardian_dob>
<activation_status>yes</activation_status>
<iin_deactivation_reason />
<process_mode>Physical</process_mode>
<fh_confirmation_status>Y</fh_confirmation_status>
<jh1_confirmation_status>N</jh1_confirmation_status>
<jh2_confirmation_status>N</jh2_confirmation_status>
<consolidate_iin_cnf_status>Y</consolidate_iin_cnf_status>
<iin_deactivation_date />
<created_date>16-feb-2017</created_date>
<last_modified_date>16-feb-2017</last_modified_date>
<fh_ckyc_flag>n</fh_ckyc_flag>
<fh_ckyc_ref_no></fh_ckyc_ref_no>
<jh1_ckyc_flag>n</jh1_ckyc_flag>
<jh1_ckyc_ref_no></jh1_ckyc_ref_no>
<jh2_ckyc_flag>n</jh2_ckyc_flag>
<jh2_ckyc_ref_no></jh2_ckyc_ref_no>
<guard_ckyc_flag></guard_ckyc_flag>
<guard_ckyc_ref_no></guard_ckyc_ref_no>
<micr_no>123456789</micr_no>
<mapped_user_name>KGNANA/K GNANASEKAR</>
</service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>

```

```

    </service_status>
  <service_response>
    <return_msg>
      Invalid IIN
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Field Description	Data Type	Remarks
brok_dlr_code	Broker DLR Code	Varchar2(10)	ARN-70209
title	Title	Varchar2(6)	Mr
customer_id	Customer ID	Varchar2(15)	5011000001
investor_name	Investor Name	Varchar2(70)	XXX
Inv_name_cusid	Investor Name Customer ID	Varchar2(80)	XXX/5011000001
fh_pan_no	PAN	Varchar2(10)	AAAAA1234A
fh_valid_pan	Valid PAN	char(1)	Y / N
pan_exem_category	Exemption Category	Varchar2(5)	Court Receiver
pan_exem_ref_no	Exemption Ref No	Varchar2(15)	E123456
date_of_birth	DOB	date(dd-Mon-yyyy)	
hold_n_code	Holding Nature	Varchar2(2)	SI
hold_nature_desc	Holding Nature Desc	Varchar2(50)	JOINT HOLDERS
tax_status_code	TAX Status Code	Varchar2(2)	01
tax_status_desc	TAX Status Description	Varchar2(50)	Individual
kyc_status	KYC	Varchar2(1)	Y / N
occupation_code	Occupation Code	Varchar2(2)	1
occupation_desc	Occupation Description	Varchar2(100)	
mfu_can	MFU Can	Varchar2(20)	Y/N
dp_id	DP ID	Varchar2(20)	123456789123456
father_name	Father Name	Varchar2(50)	Xxxx
mother_name	Mother Name	Varchar2(50)	Xxxx
trxn_thro	TRXN THRO	Varchar2(10)	PH
address1	Address1	Varchar2(40)	yyyy
address2	Address2	Varchar2(120)	CCC

address3	Address3	Varchar2(120)	CCC
city	City	Varchar2(35)	Chennai
state	State	Varchar2(35)	TN
state_name	State Name	Varchar2(35)	Tamil Nadu
pincode	Pincode	Varchar2(15)	600044
country	Country	Varchar2(35)	Ind
country_name	Country Name	Varchar2(35)	India
mobile_no	Mobile No	Varchar2(13)	9584785296
country	Country	Varchar2(35)	India
mobile_no	Mobile No	Varchar2(13)	9584785296
phone_off	Phone Office	Varchar2((35)	4785296
phone_res	Phone Residential	Varchar2((35)	4785296
fax_off	Fax Office	Varchar2(35)	567567
fax_res	Res Residential	Varchar2(35)	24234
email	eMail	Varchar2(128)	xxx@gmail.com
nri_address1	NRI Address1	Varchar2(120)	AAAA
nri_address2	NRI Address2	Varchar2(120)	CCCC
nri_address3	NRI Address3	Varchar2(120)	DDDD
nri_city	NRI City	Varchar2(40)	Chennai
nri_state	NRI State	Varchar2(35)	Tamil Nadu
nri_country	NRI Coutry	Varchar2(35)	India
nri_pincode	NRI Pincode	Varchar2(25)	600025
bank_name	Bank Name	Varchar2(40)	HDFC
ac_type	Account Type	Varchar2(5)	Savings
ifsc_code	IFSC Code	Varchar2(20)	HDFC1234123
ac_no	Account No	Varchar2(40)	0441124578212
branch_name	Branch Name	Varchar2(40)	ITC
branch_address1	Branch Address1	Varchar2(120)	ASDF
branch_address2	Branch Address2	Varchar2(120)	ASDF
branch_address3	Branch Address3	Varchar2(120)	ASDF
branch_city	Branch City	Varchar2(35)	Chennai
branch_pincode	Branch Pincode	Varchar2(15)	600006
branch_country	Branch Country	Varchar2(35)	India
jh1_name	JH1 Name	Varchar2(75)	XXXX
jh1_pan_no	JH1 PAN Number	Varchar2(10)	AAAAA1234A
jh1_valid_pan	JH1 Valid PAN	char(1)	Y
joint1_pan_exem_category	JH1 Exemption Category	Varchar2(5)	Court Receiver
joint1_exem_ref_no	JH1 Exemption Ref No	Varchar2(15)	E123456
jh1_kyc_status	JH1 KYC	Varchar2(1)	Y
jh1_dob	JH1 DOB	date(dd-Mon-yyyy)	

jh1_communication_email	JH1_COMMUNICATION_EMAIL	Varchar2(128)	xxx@gmail.com
jh1_communication_mobile	JH1_COMMUNICATION_MOBILE	Varchar2(13)	9876543210
jh2_name	JH2 Name	Varchar2(75)	
jh2_pan_no	JH2 PAN Number	Varchar2(10)	
jh2_valid_pan	JH2 Valid PAN	char(1)	Y
joint2_pan_exem_category	JH2 Exemption Category	Varchar2(5)	Court Receiver
joint2_exem_ref_no	JH2 Exemption Ref No	Varchar2(15)	E1234567
jh2_dob	JH2 DOB	date(dd-Mon-yyyy)	
jh2_kyc_status	JH2 KYC	Varchar2(1)	Y
jh2_communication_email	JH2_COMMUNICATION_EMAIL	Varchar2(128)	xxx@gmail.com
jh2_communication_mobile	JH2_COMMUNICATION_MOBILE	Varchar2(13)	9876543210
nominee_count	No of Nominee	Number(1)	3
nom_country	Nominee Country	Varchar2(10)	
nom1_name	Nominee1 Name	Varchar2(40)	ASDF
nom1type	Nominee1 Type	Varchar2(15)	Major/Minor
nom1_date_of_birth	Nominee1 DOB	date(dd-Mon-yyyy)	
nom1_percentage	Nominee1 Percent	Number(25,8)	
nom1_relation	Nominee1 Relation	Varchar2(40)	
nom1_address1	Nominee1 Addr1	Varchar2(120)	XXX
nom1_address2	Nominee1 Addr2	Varchar2(120)	YYY
nom1_address3	Nominee1 Addr3	Varchar2(120)	ZZZ
nom1_city	Nominee1 City	Varchar2(40)	
nom1_pincode	Nominee1 Pincode	Varchar2(15)	
nom1_state	Nominee1 State	Varchar2(4)	
nom1_country	Nominee1 Country	Varchar2(15)	
nom1_guardian	Nominee1 Guard Name	Varchar2(35)	
nom1_guardianpan	Nominee1 Guard PAN	Varchar2(10)	
nom2_name	Nominee2 Name	Varchar2(40)	
nom2type	Nominee2 Type	Varchar2(15)	Major/Minor
nom2_dob	Nominee2 DOB	date(dd-Mon-yyyy)	
nom2_relation	Nominee2 Relation	Varchar2(40)	
nom2_percentage	Nominee2 Percent	Number(5,2)	
nominee2_relation	Nominee2 Relation	Varchar2(40)	
nom2_guardianname	Nominee2 Guard Name	Varchar2(75)	
nom2_guardianpan	Nominee2 Guard PAN	Varchar2(10)	
nom3_Name	Nominee3 Name	Varchar2(40)	

nom3type	Nominee3 Type	Varchar2(15)	Major/Minor
nom3_relation	Nominee3 Relation	Varchar2(40)	
nom3_percentage	Nominee3 Percent	Number(5,2)	
nom3_dob	Nominee3 DOB	date(dd-Mon-yyyy)	
nom3_guardianname	Nominee3 Guard Name	Varchar2(75)	
nom3_guardianpan	Nominee3 Guard PAN	Varchar2(10)	
guardian	Guard Name	Varchar2(120)	
guardian_pan_no	Guard PAN	Varchar2(10)	
guardian_valid_pan	Guard Valid PAN	char(1)	
guard_pan_exem_category	Guard Exemption Category	Varchar2((5)	Court Receiver
guard_exem_ref_no	Guard PAN Ref No	Varchar2(15)	E123456
guardian_kyc_status	Guard KYC Status	Varchar2((1)	Y
guardian_dob	Guard DOB	date(dd-Mon-yyyy)	
activation_status	Activation Status	Varchar2((3)	YES
iin_deactivation_reason	IIN Deactivation Reason	Varchar2((4)	
process_mode	Process Mode	Varchar2((10)	Physical
fh_confirmation_status	FH Confirmation Status	Varchar2((3)	Y
jh1_confirmation_status	JH1 Confirmation Status	Varchar2((3)	N
jh2_confirmation_status	JH2 Confirmation Status	Varchar2((3)	N
consolidate_iin_cnf_status	Consolidate IIN Confirm Status	Varchar2((3)	Y
iin_deactivation_date	IIN Deactivation	date(dd-Mon-yyyy)	
Created_date	Created Date	Varchar2((20)	18-Jun-2016
Last_Modified_Date	Last Modified Date	Varchar2((20)	28-Jun-2016
fh_ckyc_flag	FH CKYC Flag	Varchar2((1)	Y
fh_ckyc_ref_no	FH CKYC Ref No	Varchar2((14)	12345678901234
jh1_ckyc_flag	JH1 CKYC Flag	Varchar2((1)	
jh1_ckyc_ref_no	FH CKYC Ref No	Varchar2((14)	
jh2_ckyc_flag	JH2 CKYC Flag	Varchar2((1)	
jh2_ckyc_ref_no	FH CKYC Ref No	Varchar2((14)	
guardian_ckyc_flag	GUARDIAN CKYC Flag	Varchar2((1)	
guardian_ckyc_ref_no	GUARDIAN CKYC Ref No	Varchar2((14)	
micr_no	Micr No	Varchar2(20)	
mapped_user_name	Mapped User Name	Varchar2(100)	ABC/A ABCD

Failure:

XML Tag	Remarks
return_msg	Invalid IIN

1.5.3 Method for Purchase Transaction

Method Name: **"PURCHASETRXN"**

This service will allow Purchase Transaction

Note : Nominee related request tags are removed in **"PURCHASETRXN"** Method and based on registered IIN Nominee details will be taken.

In API we have enabled payment options RTGS/NEFT, Cheque, Demand draft, Debit Mandate in addition to that Online.

1 . Online and UPI Payment process

Some distributors want to initiate the Payment process immediately in their Client Login portal instead of NSEMF sending payment link as email.

This feature made as optional in Purchase API. By default it will be Payment eMail link.

During the Purchase request if the API client opted for the Response as Payment link the following process will take place otherwise normal email link process will continue.

- Along with API purchase response NSEMF will return PAYMENT LINK URL as string.
- The Distributor has to invoke the link in their portal to proceed for payment.
- Payment URL will lead to existing process and payment status will be sent to NSEMF URL. NSEMF will redirect the payment status information to the respective distributor Web page / API URL given during purchase request.
- API distributors need to provide a Web page / API to PUSH the payment status to their portal

2 . RTGS/NEFT Payment process

For RTGS / NEFT type, payment link will be triggered to Investor email id. Investor has to click the link to update UTR number for authorization.

3 . Debit Mandate Payment Process

For this type of payment UMRN number is mandatory.

We have introduced new flag <<Trxn_Initiator>> to identify the transaction coming from ARN portal is either initiated by Investor (I) or Others (O).

For privilege enabled distributor, if the flag is passed as "I" then, OTP will be triggered as SMS to the IIN registered mobile number. Investor has to key in the OTP in ARN Web Portal. The ARN portal should send the OTP via another API method for authorization at our end.

Note: Applicable only for privilege enabled distributor

- i) On submit call **"ValidateOTP"** method to authorize the transaction.
- ii) To regenerate OTP call **the "GenerateOTP"** Method.

For others, if the flag is "null" or "O" then, OTP will be triggered as SMS / EMAIL to the IIN registered mobile number / email id. Investor has to respond with the OTP for authorization

4 . Cheque, Demand Draft Payment process

API will accept the instrument details.

Distributor has to bank the cheques manually by filling the challan in respective banks.

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>HJR$W34F3</password>
    <broker_code>ARN-44332</broker_code>
    <iin>5011006336</iin>
    <sub_trxn_type>N</sub_trxn_type>
    <poa>Y</poa>
    <poa_bank_trxn_type>NDCPMS</poa_bank_trxn_type>
    <trxn_acceptance>OL</trxn_acceptance>
    <demat_user>N</demat_user>
    <dp_id></dp_id>
    <bank>AXIS</bank>
    <ac_no>037010100256352</ac_no>
    <ifsc_code>UTIB0000037</ifsc_code>
    <sub_broker_arn_code></sub_broker_arn_code>
    <sub_broker_code></sub_broker_code>
    <euin_opted>N</euin_opted>
    <euin></euin>
    <trxn_execution></trxn_execution>
    <remarks></remarks>
    <payment_mode>OL</payment_mode>
    <billdesk_bank>AXIS</billdesk_bank>
    <instrm_bank></instrm_bank>
    <instrm_ac_no></instrm_ac_no>
    <instrm_no></instrm_no>
    <instrm_amount>3232</instrm_amount>
    <instrm_date></instrm_date>
    <instrm_branch></instrm_branch>
    <instrm_charges></instrm_charges>
    <micr></micr>
    <rtgs_code></rtgs_code>
    <neft_ifsc></neft_ifsc>
    <advisory_charge></advisory_charge>
    <dd_charge></dd_charge>
    <cheque_deposit_mode></cheque_deposit_mode>
    <debit_amount_type></debit_amount_type>
    <sip_micr_no></sip_micr_no>
    <sip_bank></sip_bank>
    <sip_branch></sip_branch>
    <sip_acc_no></sip_acc_no>
    <sip_ac_type></sip_ac_type>
    <sip_ifsc_code>HDFC0000001</sip_ifsc_code>
    <sip_paymech></sip_paymech>
    <umrn></umrn>
    <ach_amt></ach_amt>
    <ach_fromdate></ach_fromdate>
```

```

<ach_enddate></ach_enddate>
<until_cancelled></until_cancelled>
<Return_paymnt_flag>Y</Return_paymnt_flag>
<Client_callback_url>Provide your Webpage / API URL</Client_callback_url>
<Bank_holder_name>Krishna</Bank_holder_name>
<Bank_holder_name1></Bank_holder_name1>
<Bank_holder_name2></Bank_holder_name2>
<trxn_initiator>I / O</trxn_initiator>
<trans_count>1</trans_count>
<utr_no>564545</utr_no>
<transfer_date>15-Feb-2017</transfer_date>
<investor_auth_log></investor_auth_log>
<ach_exist>Y</ach_exist>
</service_request>
<childtrans>
  <amc>T</amc>
  <folio></folio>
  <product_code>SIP3G</product_code>
  <ft_acc_no></ft_acc_no>
  <reinvest>N</reinvest>
  <amount>10000</amount>
  <sip_from_date></sip_from_date>
  <sip_end_date></sip_end_date>
  <sip_freq></sip_freq>
  <sip_amount></sip_amount>
  <sip_period_day></sip_period_day>
  <input_ref_no>52521</input_ref_no>
  <perpetual_flag></perpetual_flag>
  <insurance_enabled></insurance_enabled>
  <GOAL_BASED_SIP></GOAL_BASED_SIP>
  <GOAL_TYPE></GOAL_TYPE>
  <GOAL_AMOUNT></GOAL_AMOUNT>
  <FREEDOM_SIP>Y</FREEDOM_SIP>
  <FREEDOM_TARGET_SCHEME>RG2GR</FREEDOM_TARGET_SCHEME>
  <FREEDOM_TENURE>12</FREEDOM_TENURE>
  <FREEDOM_SWP_AMOUNT>50000</FREEDOM_SWP_AMOUNT>
  <FREEDOM_SCHEME_OPTION>A</FREEDOM_SCHEME_OPTION>
</childtrans>
</NMFIIService>

```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	
password	Password	Varchar2(15)	Y	
broker_code	Broker Code	Varchar2(15)	Y	
iin	IIN	Varchar2(10)	Y	
sub_trxn_type	Sub Trxn Type	varchar2(7)	Y	'N' for normal, 'S' for systematic.
poa	POA	Char(1)	Y	Executed by POA – values Y or N
POA_Bank_Trxn_Type	POA Bank Trxn Type	Varchar2(10)	N	Value should be NDCPMS or DCPMS

txn_acceptance	Trxn Acceptance	Varchar2(10)	Y	Ph(By Phone) or OL(Online) or ALL
demat_user	Demat User	Char(1)	Y	Y or N
dp_id	DP Id	Varchar2(20)	N	
bank	Bank	Varchar2(40)	Y	
ac_no	Ac No	Varchar2(40)	N	ac_no is mandatory for payment mode ("OL,TR,M,UPI")
ifsc_code	IFSC code	Varchar2(40)	N	Mandatory for payment mode ("OL,TR,M,UPI")
sub_broker_arn_code	Sub Broker ARN Code	Varchar2(20)	N	
sub_broker_code	Sub Broker Code	Varchar2(30)	N	
euin_opted	EUIN Opted	Char(1)	Y	
euin	EUIN	Varchar2(20)	N	
txn_execution	Trxn Execution	Char(1)	N	
remarks	Remarks	Varchar2(1000)	N	
payment_mode	Payment Mode	Varchar2(7)	Y	1. "Q" = Cheque 2. "D" = Demand Draft 3. "M" = Debit Mandate 4. "OL" = Online 5. "TR" = RTGS/NEFT 6. "UPI" = UPI
billdesk_bank	Bill Desk Bank	Varchar2(40)	N	Bill desk Bank Code is mandatory for payment mode Online ("OL") , UPI
instrm_bank	Instrument Bank	Varchar2(40)		Mandatory for following payment mode 1. "Q" = Cheque 2. "D" = Demand Draft 3. "M" = Debit Mandate
instrm_ac_no	Instrument Account No	Varchar2(40)	N	Mandatory for following payment mode 1. "Q" = Cheque 2. "D" = Demand Draft
instrm_no	Instrument No	Varchar2(30)	N	Mandatory for following payment mode 1. "Q" = Cheque 2. "D" = Demand Draft
instrm_amount	Instrument Amount	Number(25,8)	N	Mandatory for following payment mode 1. "Q" = Cheque 2. "D" = Demand Draft 3. "M" = Debit Mandate 4. "OL" = Online
instrm_date	Instrument Date	date(dd-Mon-yyyy)	N	Mandatory for following payment mode 1. "Q" = Cheque 2. "D" = Demand Draft
instrm_branch	Instrument Branch	Varchar2(40)	N	Mandatory for following payment mode 1. "Q" = Cheque 2. "D" = Demand Draft
instrm_charges	Instrument Charge	Number(25,8)	N	
micr	MICR	Varchar2(20)	N	

rtgs_code	RTGS code	Varchar2(11)	N	Mandatory for following payment mode 1. “ TR ” = RTGS
neft_ifsc	NEFT IFSC code	Varchar2(40)	N	
advisory_charge	Advisory charge	Number(7)	N	
dd_charge	DD_charge	Number(7)	N	Mandatory for following payment mode 1. “ D ” = Demand Draft
cheque_deposit_mode	Cheque deposit mode	Varchar2(5)	N	MFSS / CMS MFSS – Deposit at the service center. CMS – Deposit at the CMS Branch Default Value will be “MFSS”
sip_micr_no	SIP MICR	Varchar2(20)	N	
sip_bank	SIP Bank	Varchar2(40)	Y	Mandatory if Sub_trxn_type is Systematic
sip_branch	SIP Branch	Varchar2(40)	Y	Mandatory if Sub_trxn_type is Systematic
sip_acc_no	SIP Account no	Varchar2(40)	Y	Mandatory if Sub_trxn_type is Systematic
sip_ac_type	SIP ac type	Varchar2(5)	Y	Mandatory if Sub_trxn_type is Systematic
sip_ifsc_code	SIP IFSC Code	Varchar2(15)	Y	IFSC0000001
sip_paymech	SIP payment mech	Varchar2(15)	N	Value will be “ M / DC ” M [Mandate] – ACH Mandate Details are mandatory. DC [Direct Credit]- ACH Mandate details are not Mandatory.
debit_amount_type	Debit amount type	Char(1)	Y	Mandatory if Sub_trxn_type is Systematic
ach_amt	ACH Amount	Number(25,8)	Y	Mandatory if Sub_trxn_type is Systematic
ach_fromdate	ACH from date	Date(dd-Mon-yyyy)	Y	Mandatory if Sub_trxn_type is Systematic. Validation : ACH from date should not greater than SIP From date
ach_enddate	ACH end date	Date(dd-Mon-yyyy)	Y	Mandatory if Sub_trxn_type is Systematic Validation : ACH to date should be greater or equal to than sip to date
UMRN	UMRN Number	Varchar2(40)	N	If UMRN Exist then Bank Name, Branch Name, Account Number, Account Type, Debit Amount Type, ACH Amount, ACH From Date, ACH End Date, Bank Holder Name will be passed automatically to the database based on UMRN. So no need to provide the value again in the Bank Name, Branch Name Tags etc..You can leave blank if UMRN provided.
.until_cancelled	Until cancelled for SIP End date	Char(1)	N	Mandatory if Sub_trxn_type is Systematic if until_cancelled = “Y” default date will be “31-Dec-2999”
Return_paymnt_flag	Return payment flag	Char(1)	N	Y or N. If Return Payment Flag is 'Y' then you should provide the Client Call Back URL. Ref section 1.5 (New API Online Payment Process) If Return Payment Flag is 'N'

				Then will work as normal.
Bank_holder_name	Bank holder name	Varchar2(70)	Y	
Bank_holder_name1	Bank holder name1	Varchar2(70)	N	
Bank_holder_name2	Bank holder name2	Varchar2(70)	N	
Client_callback_url	Client call back url	Varchar2(1000)	N	<p>IF payment Mode = OL,UPI</p> <p>Provide your Webpage / API URL. After Payment, page will be redirect to client call back url with Customer ID, Payment Ref No, Payment Status and Payment Message in the URL:</p> <p>Payment Status will be SUCCESS or FAILURE. For FAILURE case, Payment Failure Message will be passed in the PaymentMsg Parameter and for SUCCESS PaymentMsg Parameter value will be blank.</p> <p>Example Url given below http://YourURL?CustomerID=5011000029&PaymentRefNo=541&PaymentStatus=SUCCESS&PaymentMsg=</p>
txn_initiator	Transaction Initiator	Varchar2(1)	N	<p>We have introduced new flag <<Trxn_Initiator>> to identify the transaction coming from ARN portal is either initiated by Investor (I) or Others (O).</p> <p>For privilege enabled distributor, if the flag is passed as "I" then, OTP will be triggered as SMS to the IIN registered mobile number. Investor has to key in the OTP in ARN Web Portal. The ARN portal should send the OTP via another API method for authorization at our end.</p> <p>For others, if the flag is "null" or "O" then, OTP will be triggered as SMS / EMAIL to the IIN registered mobile number / email id. Investor has to respond with the OTP for authorization.</p>
utr_no	UTR Number	Varchar2(30)	N	<p>Applicable only for RTGS/NEFT Payment Mode.</p> <p><u>UTR Number Given :</u> RTGS/NEFT Payment Link will not be triggered to investor registered mail and Transaction will get authorized when UTR Number and Transfer Date is provided.</p> <p><u>UTR Number Not Given:</u> RTGS/NEFT Payment Link will be triggered to investor registered mail ID.</p>
transfer_date	UTR Transfer Date	Date(dd-Mon-yyyy)	N	Applicable only for RTGS/NEFT Payment Mode.

				If UTR Number Provided then transfer date is mandatory.
Investor_auth_log	Investor_auth_log	varchar2(200)	N	To bypass OTP communication from NMFII as a compliance perspective our system seeks the Investor Concern's from API client. Hence this log to be sent by the API client . This tag is applicable based on ARN privilege and this is mandatory for " Debit Mandate (OTM) " when opting for OTP bypass. For this tag, Value should be Investor IP Address, Date time of investor given their concern
ach_exist	ACH Exist	char(1)	N	Default value will be 'N' 1. Pass the value 'Y', If ACH Mandate Details are already registered for the IIN. 2. Pass the Value 'N', if wants to register New mandate. <ul style="list-style-type: none"> IIN registered bank details are allowed for new Mandate Registration. If POA tag is 'Y' then you have to provide the POA Registered Bank details for new mandate registration If POA tag is 'N' then you have to provide the IIN Registered Bank details for new mandate registration

Multi Transaction Table:

XML Tag	Field Description	Data Type	Mandatory	Remarks
amc	AMC	Varchar2(5)	Y	AMC Code
folio	Folio	Varchar2(20)	Y	For additional purchase alone mandatory.
product_code	Product Code	Varchar2(20)	Y	If Freedom SIP flag is 'Y' then <u>Freedom SIP: -</u> The Product Code should be passed based on Freedom SIP flag is 'Y'. Kindly refer Product Master for allowed Freedom SIP Schemes.

				HDFC Dream SIP: - The Product Code should be passed based on Freedom SIP flag is 'Y' and Freedom Scheme Option. Kindly refer Product Master for allowed Dream SIP Schemes.
ft_acc_no	FT Scheme Account Number	Varchar2(20)	N	
reinvest	ReInvest	Char(1)	Y	
amount	Amount	Number(25,8)	Y	
sip_from_date	SIP from date	Date(dd-Mon-yyyy)	N	SIP start date should not be greater than 3 months from the date of SIP registration
sip_end_date	SIP end date	Date(dd-Mon-yyyy)	N	
sip_freq	SIP frequency	Varchar2(20)	N	
sip_amount	SIP amount	Number(25,8)	N	
sip_period_day	SIP period day	Varchar2(10)	N	Daily (D) - No need provide the SIP Period Day Value. Weekly (WD) – Need to provide Specific dates in SIP Period Day value. It will check the product master, whether the date is available for the given product code or not. Once In a Week (OW) - No need provide the SIP Period Day Value. SIP Period Day value (02 - Monday, 03 - Tuesday, 04- Wednesday, 05 - Thursday, 06 - Friday) will be taken automatically from SIP From Date. SIP from date should falls between Monday to Friday dates . Monthly (OM), Quarterly (Q), Half-Yearly (H), Yearly(Y), Twice a Month (TW) - Need to provide SIP Period Day value. It will check the product master, whether the date is available for the given product code or not. Business Day (BZ) - No need to provide SIP period day value. It will take value from SIP From Date and also we will validate whether the given SIP From date falls on business day or not.
input_ref_no	Input ref no	Varchar2(20)	N	This user Input Reference No will reflect in output Service Response XML for user reference.
perpetual_flag	Perpetual Flag	Char(1)	N	Value should be "Y" or "N" If value is Y then the default value of SIP End Date will be 31-Dec-2099.
insurance_enabled	Insurance Enabled	Char (1)	N	Applicable only for Sub_trxn_type is Systematic.

				<p>Value should be "Y / N".</p> <p>If value "Y" then we will validate whether the scheme is eligible for Insurance.</p> <p>If eligible then the below things are mandatory.</p> <ol style="list-style-type: none"> 1. Investor Age must be between 19 and 50. 2. Nominee name is required 3. Nominee DOB is required. 4. Nominee Percentage must be 100 5. If Nominee (Minor) Relationship is required.
GOAL_BASED_SIP	Goal Based SIP	Char(1)	N	<p>Applicable only for Sub_trxn_type is Systematic.</p> <p>Value should be "Y / N".</p> <p>If value "Y" then Goal_Type and Goal_Amount tags are mandatory.</p>
GOAL_TYPE	Goal Type	Varchar2(100)	N	<p>Mandatory when Goal Based SIP value is Y.</p> <p>Pass either any one of the values mentioned below.</p> <ol style="list-style-type: none"> 1.Kids Marriage 2.Kids Education 3.Retirement Planning 4.Tax Savings 5.Dream House 6.Dream Car 7.Dream Vacation
GOAL_AMOUNT	Goal Amount	Number(25,8)	N	
FREEDOM_SIP	Freedom SIP	CHAR(1)	N	<p>Applicable only for Sub_trxn_type is Systematic.</p> <p>Value should be "Y / N".</p> <p>If value "Y" then FREEDOM_SIP and FREEDOM_SIP TARGET ,TENURE ,AMOUNT tags are mandatory.</p>
FREEDOM_TARGET_SCHEME	Freedom SIP Target scheme	Varchar2(50)	N	<p>Need to pass the scheme code based on product master.</p> <p>ALLOW_FREEDOM_SWP Flag should be 'Y' in product master.</p>
FREEDOM_TENURE	Freedom Tenure in years	Number (5)	N	<p>Based on FREEDOM SIP Master need to pass the tenure.</p> <p>Example: 12</p>
FREEDOM_SWP_AM	Freedom Amount	Number (25,8)	N	<u>SWP amount tab should be kept editable:</u>

OUNT	of investor interest			For e.g, if an investor enters SIP Amount Rs 1000 & selects tenure 12 yrs, its option should show 2000, however user can edit it and place a value<=2000.
FREEDOM_SCHEME_OPTION	Freedom Scheme Option	Char(1)	N	Applicable only for the AMC Code - "H". Value should be "A / B". A – 'Option A' it means that the Source Scheme (Product Code) and the Freedom Target Scheme should be same. B – 'Option B' it means that the Source Scheme (Product Code) and the Freedom Target Scheme should be different.

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <unique_no>12345</unique_no>
    <trxn_no>4567</trxn_no>
    <fund>Hdfc</fund>
    <folio>110115</folio>
    <scheme>BFD</scheme>
    <scheme_Name>Tata Balanced Fund Plan A - Dividend</scheme_Name>
    <amt>5000</amt>
    <input_ref_no>52521</input_ref_no>
    <status_desc>Ok</status_desc>
    <status_code>0</status_code>
  </service_response>
</NMFIIService>

```

For Success Case(Return_paymnt_flag = Y and payment_mode = 0L):

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</NMFIIService>

```

<https://uat.nsenmf.com/Transactions/MFDMakePayment.aspx?IZQcOCZ8HrJuu3BL5B4fwZCWSA56VgflabjVdQkHi%2fS4iRShzPbyhedYy2HlKt4CXJOkvYwuLltzuOtoWmtdDuLFmwAPLevnGbz%2f5zyfmEKBlyKphMyEVQKym%2fDgYQpuiwp4FZTRCuSNaWAFZSUycFHYWjOx%2fAbPISETv3IVmd9ChGLhhEdJBXeTF0qPTVivms7EgomhWshtTc7xztjGIRgXuylzRqmWIKxSPpSoqkK78ynMXGlzmyKLQU%2fwYAXwmfu0hquPKdpwDPQpBDP0IOYKtKM4rz0LHI%2bQQ7Nu71DEKZowJ7rvGXsmEu07JLu7ct3%2bhHjoa9%2fNrKyXI%2bn01g%3d%3d>

</Paymentlink>

</service_status>

<service_response>

<unique_no>12345</unique_no>

<trxn_no>4567</trxn_no>

<application_no>9874</application_no>

<fund>Hdfc</fund>

<folio>110115</folio>

<scheme>BFD</scheme>

<scheme_Name>Tata Balanced Fund Plan A - Dividend</scheme_Name>

<amt>5000</amt>

<status_desc>Ok</status_desc>

<status_code>0</status_code>

<paymentlink><https://uat.nsenmf.com/Transactions/MFDMakePayment.aspx?IZQcOCZ8HrJuu3BL5B4fwZCWSA56VgflabjVdQkHi%2fS4iRShzPbyhedYy2HlKt4CXJOkvYwuLltzuOtoWmtdDuLFmwAPLevnGbz%2f5zyfmEKBlyKphMyEVQKym%2fDgYQpuiwp4FZTRCuSNaWAFZSUycFHYWjOx%2fAbPISETv3IVmd9ChGLhhEdJBXeTF0qPTVivms7EgomhWshtTc7xztjGIRgXuylzRqmWIKxSPpSoqkK78ynMXGlzmyKLQU%2fwYAXwmfu0hquPKdpwDPQpBDP0IOYKtKM4rz0LHI%2bQQ7Nu71DEKZowJ7rvGXsmEu07JLu7ct3%2bhHjoa9%2fNrKyXI%2bn01g%3d%3d></Paymentlink>

<input_ref_no>52521</input_ref_no>

</service_response>

</NMFIIService>

For Success Case(Return_paymnt_flag = Y and payment_mode = UPI):

<NMFIISERVICES>

<service_response>

<Unique_No>790975</Unique_No>

<Trxn_No>10547732</Trxn_No>

<Application_No>131717</Application_No>

<Fund>HDFC Mutual Fund</Fund>

<Folio />

<Scheme>BFD</Scheme>

<Scheme_Name>HDFC Balanced Fund - Dividend</Scheme_Name>

<Amt>5,000.00</Amt>

<Status_Desc>Ok</Status_Desc>

<Status_code>0</Status_code>

<Paymentlink><a

href=<https://uat.nsenmf.com/Transactions/MFDUPIMakePayment.aspx?JOc6PYTEMvOYHqFG3n%2f8AhU%2fE4Ra9v0UrRzfbhni6budB252HRWg5UJg4AcIVNvlSHN1VT6vUGTogsBpChhXvfg4A0or81qHPOq7GdefBwYODHktMXGMkJHtVvHLEGZBsujXFle3N%2bd7jU8z%2b%2bqLXtiSvUzS4Jzv5OZw%2boQzu3Epbnyxey3vW3cYX3sYO1g%2b2wArv90k%2fHzKtiGPGjSdu8N%2bQRyemSuTW7M35Cj3ztLVSnM2HSiUngn7nPyuW0FdpLb%2fgMQk0moaJu5Jw7qSsDaxXYpP979sWoF%2b%2fIjKThApzWuDKZBb7Oze2qYoN9XSxHI2zOOCv%2bqXgugj6FM2BQ%3d%3d'>http://localhost:61640/Transactions/MFDUPIMakePayment.aspx?JOc6PYTEMvOYHqFG3n%2f8AhU%2fE4Ra9v0UrRzfbhni6budB252HRWg5UJg4AcIVNvlSH>

```

N1VT6vUGTogsBpChhXvfg4A0or81qHPOq7GdefBwYODHktMXGMkJHtVVhLEGZBsujXFlE
3N%2bd7jU8z%2b%2bqLXtiSvUzS4Jzv5OZw%2boQzu3Epbnyej3vW3cYX3sYO1g%2b2w
ARv90k%2fHzKtiGPGjSdu8N%2bQRyemSuTW7M35Cj3ztLVSnM2HSiUngn7nPyyW0FdpLb
%2fgMQk0moaJu5Jw7qSsDaxXYpP979sWoF%2b%2fljKThApzWuDKZBb7Oze2qYoN9XSx
HI2zOOCv%2bqQxguj6FM2BQ%3d%3d</a></Paymentlink>
</service_response>
<service_status>
  <service_return_code>0</service_return_code>
  <service_msg>Success</service_msg>
  <Paymentlink><a
    href=https://uat.nsenmf.com/Transactions/MFDUPIMakePayment.aspx?JOc6PYTEMvOYHq
    FG3n%2f8AhU%2fE4Ra9v0UrRzfbhni6budB252HRWg5UJg4AcLVNvIsHN1VT6vUGTogsBp
    ChhXvfg4A0or81qHPOq7GdefBwYODHktMXGMkJHtVVhLEGZBsujXFlE3N%2bd7jU8z%2b
    %2bqLXtiSvUzS4Jzv5OZw%2boQzu3Epbnyej3vW3cYX3sYO1g%2b2wARv90k%2fHzKtiG
    PGjSdu8N%2bQRyemSuTW7M35Cj3ztLVSnM2HSiUngn7nPyyW0FdpLb%2fgMQk0moaJu5
    Jw7qSsDaxXYpP979sWoF%2b%2fljKThApzWuDKZBb7Oze2qYoN9XSxHI2zOOCv%2bqQx
    guj6FM2BQ%3d%3d'&gt;http://localhost:61640/Transactions/MFDUPIMakePayment.aspx?J
    Oc6PYTEMvOYHqFG3n%2f8AhU%2fE4Ra9v0UrRzfbhni6budB252HRWg5UJg4AcLVNvIsH
    N1VT6vUGTogsBpChhXvfg4A0or81qHPOq7GdefBwYODHktMXGMkJHtVVhLEGZBsujXFlE
    3N%2bd7jU8z%2b%2bqLXtiSvUzS4Jzv5OZw%2boQzu3Epbnyej3vW3cYX3sYO1g%2b2w
    ARv90k%2fHzKtiGPGjSdu8N%2bQRyemSuTW7M35Cj3ztLVSnM2HSiUngn7nPyyW0FdpLb
    %2fgMQk0moaJu5Jw7qSsDaxXYpP979sWoF%2b%2fljKThApzWuDKZBb7Oze2qYoN9XSx
    HI2zOOCv%2bqQxguj6FM2BQ%3d%3d</a></Paymentlink> </service_status>
</NMFIISERVICES>

```

Note:

Nominee Request fields removed from Request xml, At the time of Fresh purchase nominee details capture from prospect table nominee details.

Note:

After Payment, page will be redirect to client call back url with Customer ID, Payment Ref No, Payment Status and Payment Message in the URL.:

Payment Status will be SUCCESS or FAILURE. For FAILURE case, Payment Failure Message will be passed in the PaymentMsg Parameter and for SUCCESS **PaymentMsg** Parameter value will be blank.

Example:

<http://YourURL?CustomerID=5011000029&PaymentRefNo=541&PaymentStatus=FAILURE&PaymentMsg=Invalid Authentication at Bank>

Failure Case 1: Validation Level Response.

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
    <error_code>99</error_code>
  </service_status>
  <service_response>
    <return_msg>Length of the IFSC Code should be 11</return_msg>
  </service_response>
</NMFIIService>

```

```

        <status_desc>Length of the IFSC Code should be 11</status_desc>
        <return_msg>Invalid folio for given amc</return_msg>
        <status_desc>Invalid folio for given amc</status_desc>
    </service_response>
</NMFIIService>

```

Failure Case 2: Transaction Level Response.

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <unique_no>----</unique_no>
    <txn_no>----</txn_no>
    <fund>Hdfc</fund>
    <folio>110115</folio>
    <scheme>BFD</scheme>
    <scheme_Name>Tata Balanced Fund Plan A - Dividend</scheme_Name>
    <amt>5000</amt>
    <input_ref_no>52521</input_ref_no>
    <status_desc>Invalid Bank Code</status_desc>
    <status_code>1</status_code>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure
Paymentlink	If Return_paymnt_flag=Y then payment url send via output xml otherwise payment url send via mail
error_code	If invalid folio for given AMC then in response we will provide error code as 99

For Service Response:**Success:**

XML Tag	Field Description	data type	Remarks
Unique_No	Unique Ref No	varchar2(20)	12345
Trxn_No	Transaction No	number (10)	4567
Application_No	Application No	Number(10)	9874
Fund	AMC Code	varchar2(5)	Hdfc
Folio	Folio No	varchar2(20)	110115
Scheme	Scheme	varchar2(20)	Bfd
Scheme_Name	Scheme Name	varchar2(200)	Tata Balanced Fund Plan A - Dividend
Amt	Amount	number (25,8)	5000
Status_Desc	Status Description	varchar	ok
Status_Code	Status Code	varchar2	0
Paymentlink	Payment url	Varchar (1000)	If Return_paymnt_flag=Y then payment url send via output xml otherwise payment url send via mail
input_ref_no	input_ref_no	Varchar (20)	52521

Failure:

XML Tag	Field Description	data type	Remarks
Unique_No	Unique Ref No	varchar2(20)	
Trxn_No	Transaction No	number (10)	
Fund	AMC Code	varchar2(5)	Hdfc
Folio	Folio No	varchar2(20)	110115
Scheme	Scheme	varchar2(20)	Bfd
Scheme_Name	Scheme Name	varchar2(200)	Tata Balanced Fund Plan A - Dividend
Amt	Amount	number (25,8)	5000
Status_Desc	Status Description	Varchar2	Invalid Folio for given amc.
Status_Code	Status Code	varchar2	1
input_ref_no	Input ref no	Varchar (20)	52521

1.5.4 Method to Redemption Transaction

Method Name: “REDEEMTRXN”

This service will allow Redemption Transaction

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>HJR$W34F3</password>
    <broker_code>ARN-44332</broker_code>
    <iin>5011006336</iin>
    <poa>N</poa>
    <poa_bank_trxn_type>NDCPMS</poa_bank_trxn_type>
    <trxn_acceptance>OL</trxn_acceptance>
    <dp_id></dp_id>
    <acc_no>037010100256352</acc_no>
    <bank_name>AXIS</bank_name>
    <ifsc_code>UTIB0000037</ifsc_code>
    <remarks>test</remarks>
    <trxn_initiator>I / O</trxn_initiator>
    <trans_count>1</trans_count>
    <investor_auth_log></investor_auth_log>
  </service_request>
  <childtrans>
    <amc>T</amc>
    <folio>5145607</folio>
    <product_code>SIP3G</product_code>
    <ft_acc_no></ft_acc_no>
    <amt_unit_type>Amount</amt_unit_type>
    <amt_unit>1000</amt_unit>
    <all_units>N</all_units>
    <input_ref_no>52521</input_ref_no>
  </childtrans>
</NMFIIService>
```

XML Tag	Field Description	Data type	Mandatory	Remarks
appln_id	Appln Id	varchar2(20)	Y	
password	Password	varchar2(15)	Y	
broker_code	Broker Code	varchar2(15)	Y	
iin	IIN	varchar2(10)	Y	
POA	POA	char(1)	Y	Executed by POA – values Y or N If POA flag is 'Y' then Mail will be triggered to POA

				Holder for transaction authorization.
POA_Bank_Trnx_Type	POA Bank Trnx Type	Varchar2(10)	N	This tag is not required. Don't skip this tag instead pass blank value in this tag.
trnx_acceptance	Trnx Acceptance	varchar2(10)	Y	Ph(By Phone) or OL(Online) or ALL
dp_id	DP Id	varchar2(20)	N	
acc_no	Acc No	varchar2(20)	N	Bank Name, Account Number and IFSC Code is not required for redemption transaction.
bank_name	Bank Name	varchar2(40)	N	
ifsc_code	IFSC Code	varchar2(40)	N	Credit will be happen based on default bank registered at the RTA level.
remarks	Remarks	varchar2(1000)	N	
trnx_initiator	Transaction Initiator	Varchar2(1)	N	<p>We have introduced new flag <<Trnx_Initiator>> to identify the transaction coming from ARN portal is either initiated by Investor (I) or Others (O).</p> <p>For privilege enabled distributor, if the flag is passed as "I" then, OTP will be triggered as SMS to the IIN registered mobile number. Investor has to key in the OTP in ARN Web Portal. The ARN portal should send the OTP via another API method for authorization at our end.</p> <p>For others, if the flag is "null" or "O" then, OTP will be triggered as SMS / EMAIL to the IIN registered mobile number / email id. Investor has to respond with the OTP for authorization.</p>
Investor_auth_log	Investor_auth_log	varchar2(200)	Y	<p>To bypass OTP communication from NMFII as a compliance perspective our system seeks the Investor Concern's from API client. Hence this log to be sent by the API client . This tag is applicable based on ARN privilege and this is mandatory for "Redemption" when opting for OTP bypass.</p> <p>For this tag, Value should be Investor IP Address, Date time of investor given their concern</p>

Multi Transaction Table:

XML Tag	Field Description	Data type	Mandatory	Remarks
amc	AMC	varchar2(5)	Y	AMC Code
folio	Folio	varchar2(20)	Y	
product_code	Product Code	varchar2(20)	Y	
ft_acc_no	FT Scheme Account Number	Varchar2(20)	N	
amt_unit_type	Amount or Unit Type	varchar2(10)	Y	Amount or Unit
amt_unit	Amount or Unit	number(25,8)	N	Mandatory If all_units Value 'N'.
all_units	All Units	char(1)	Y	Y or N
input_ref_no	Input ref no	Varchar2(20)	N	This user Input Reference No will reflect in output Service Response XML for user reference.

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <unique_no>12345</unique_no>
    <txn_no>4567</txn_no>
    <application_no>9874</application_no>
    <fund>Hdfc</fund>
    <folio>110115</folio>
    <scheme>BFD</scheme>
    <scheme_Name>Tata Balanced Fund Plan A - Dividend</scheme_Name>
    <amt>5000</amt>
    <amt_unit_type>AMOUNT/UNIT</amt_unit_type>
    <status_desc>Ok</status_desc>
    <status_code>0</status_code>
    <input_ref_no>52521</input_ref_no>
  </service_response>
</NMFIIService>

```

Failure Case 1: Validation Level Response.

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
    <error_code>99</error_code>
  </service_status>
  <service_response>

```



```

    <return_msg>Length of the IFSC Code should be 11</return_msg>
    <status_desc>Length of the IFSC Code should be 11</status_desc>
    <return_msg>Invalid folio for given amc</return_msg>
    <status_desc>Invalid folio for given amc</status_desc>
  </service_response>
</NMFIIService>

```

Failure Case 2: Transaction Level Response.

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <unique_no>-----</unique_no>
    <txn_no>-----</txn_no>
    <fund>Hdfc</fund>
    <folio>110115</folio>
    <scheme>BFD</scheme>
    <scheme_Name>Tata Balanced Fund Plan A - Dividend</scheme_Name>
    <amt>5000</amt>
    <amt_unit_type>AMOUNT/UNIT</amt_unit_type>
    <status_desc>Invalid Bank Code</status_desc>
    <status_code>1</status_code>
    <input_ref_no>52521</input_ref_no>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure
error_code	If invalid folio for given AMC then in response we will provide error code as 99

For Service Response:

Success:

XML Tag	Field Description	data type	Remarks
Unique_No	Unique Ref No	varchar2(20)	12345
Trxn_No	Transaction No	number(10)	4567
Application_No	Application No	Number(10)	9874

Fund	AMC Code	varchar2(5)	Hdfc
Folio	Folio No	varchar2(20)	110115
Scheme	Scheme	varchar2(20)	AG
Scheme_Name	Scheme Name	varchar2(200)	Tata Balanced Fund Plan A - Dividend
Amt	Amount	number(25,8)	5000
Amt_Unit_Type	Amt or Unit Type	Varchar2(20)	AMOUT/UNIT
Status_Desc	Status Description	varchar	ok
Status_Code	Status Code	varchar2	0
input_ref_no	Input ref no	Varchar2(20)	52521

Failure:

XML Tag	Field Description	data type	Remarks
Unique_No	Unique Ref No	varchar2(20)	
Trxn_No	Transaction No	number(10)	
Application_No	Application No	Number(10)	
Fund	AMC Code	varchar2(5)	Hdfc
Folio	Folio No	varchar2(20)	110115
Scheme	Scheme	varchar2(20)	AG
Scheme_Name	Scheme Name	varchar2(200)	Tata Balanced Fund Plan A - Dividend
Amt	Amount	number(25,8)	5000
Amt_Unit_Type	Amt or Unit Type	Varchar2(20)	AMOUNT/UNIT
Status_Desc	Status Description	varchar2	Invalid Folio for given amc
Status_Code	Status Code	varchar2	1
input_ref_no	input_ref_no	Varchar2(20)	52521

1.5.5 Method to Switch Transaction

Method Name: “**SWITCHTRXN**”

This service will allow Switch Transaction

Pass the input as xml format mentioned below.

```
<NMFISService>
  <service_request>
    <appln_id>test</appln_id>
    <password>test$123</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011000029</iin>
    <poa>Y</poa>
```

```

    <poa_bank_trxn_type>NDCPMS</poa_bank_trxn_type>
    <trxn_acceptance>OL</trxn_acceptance>
    <dp_id>2345678901122222</dp_id>
    <sub_broker_arn_code>0441124578212</sub_broker_arn_code>
    <sub_broker_code>ARN-0145</sub_broker_code>
    <euin_opted>Y / N</euin_opted>
    <euin>E123456</euin>
    <trxn_execution></trxn_execution>
    <remarks>test</remarks>
    <trxn_initiator>I / O</trxn_initiator>
    <trans_count></trans_count>
    <investor_auth_log></investor_auth_log>
  </service_request>
  <childtrans>
    <amc>D</amc>
    <folio>5145607</folio>
    <source_product_code>BFD</source_product_code>
    <source_ft_acc_no></source_ft_acc_no>
    <target_product_code>BFD</target_product_code>
    <target_ft_acc_no></target_ft_acc_no>
    <reinvest>Y</reinvest>
    <amt_unit_type>Amount / Unit</amt_unit_type>
    <amt_unit>1000</amt_unit>
    <all_units>Y/N</all_units>
    <input_ref_no>52521</input_ref_no>
  </childtrans>
</NMFIIService>

```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	
password	Password	Varchar2(15)	Y	
broker_code	Broker Code	Varchar2(15)	Y	
iin	IIN	Varchar2(10)	Y	
poa	POA	Char(1)	Y	Executed by POA – values Y or N
POA_Bank_Trxn_Type	POA Bank Trxn Type	Varchar2(10)	N	Value should be NDCPMS or DCPMS
trxn_acceptance	Trxn Acceptance	Varchar2(10)	Y	Ph(By Phone) or OL(Online) or ALL
dp_id	DP Id	Varchar2(20)	N	
sub_broker_arn_code	Sub Broker ARN Code	Varchar2(20)	N	
sub_broker_code	Sub Broker Code	Varchar2(30)	N	
euin_opted	EUIN Opted	Char(1)	Y	Yes or No
euin	EUIN	Varchar2(20)	N	
trxn_execution	Trxn Execution	char(1)	N	
remarks	Remarks	Varchar2(1000)	N	

txn_initiator	Transaction Initiator	Varchar2(1)	N	<p>We have introduced new flag <<Txn_Initiator>> to identify the transaction coming from ARN portal is either initiated by Investor (I) or Others (O).</p> <p>For privilege enabled distributor, if the flag is passed as "I" then, OTP will be triggered as SMS to the IIN registered mobile number. Investor has to key in the OTP in ARN Web Portal. The ARN portal should send the OTP via another API method for authorization at our end.</p> <p>For others, if the flag is "null" or "O" then, OTP will be triggered as SMS / EMAIL to the IIN registered mobile number / email id. Investor has to respond with the OTP for authorization.</p>
Investor_auth_log	Investor_auth_log	varchar2(200)		<p>To bypass OTP communication from NMFII as a compliance perspective our system seeks the Investor Concern's from API client.</p> <p>Hence this log to be sent by the API client. This tag is applicable based on ARN privilege and this is mandatory for "SWITCH" when opting for OTP bypass.</p> <p>For this tag, Value should be Investor IP Address, Date time of investor given their concern</p>

Multi Transaction Table:

XML Tag	Field Description	Data type	Mandatory	Remarks
amc	AMC	varchar2(5)	Y	AMC Code
folio	Folio	varchar2(20)	Y	
source_product_code	Source Product Code	Varchar2(20)	Y	
source_ft_acc_no	Source FT Scheme Account Number	Varchar2(20)	N	
target_product_code	Target Product Code	Varchar2(20)	Y	
target_ft_acc_no	Target FT Account Number	Varchar2(20)	N	
amt_unit_type	Amount or Unit Type	varchar2(10)	Y	Amount or Unit

amt_unit	Amount or Unit	number(25,8)	Y	value
all_units	All Units	char(1)	Y	Y or N
input_ref_no	Input ref no	Varchar2(20)	N	This user Input Reference No will reflect in output Service Response XML for user reference.

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <unique_no>12345</unique_no>
    <trxn_no>4567</trxn_no>
    <application_no>9874</application_no>
    <fund>Hdfc</fund>
    <folio>110115</folio>
    <Source_product>BFD</Source_product>
    <Target_product>BFD</Source_product>
    <Source_product_Name>Tata Balanced Fund Plan A - Dividend</scheme_Name>
    <Target_product_Name>Birla Sun Life '95 Fund - Growth-Regular
      Plan</Target_product_Name>
    <amt>5000</amt>
    <amt_unit_type>AMOUNT/UNIT</amt_unit_type>
    <status_desc>Ok</status_desc>
    <status_code>0</status_code>
    <input_ref_no>52521</input_ref_no>
  </service_response>
</NMFIIService>

```

Failure Case 1: Validation Level Response.

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
    <error_code>99</error_code>
  </service_status>
  <service_response>
    <return_msg>Length of the IFSC Code should be 11</return_msg>
    <status_desc>Length of the IFSC Code should be 11</status_desc>
    <return_msg>Invalid folio for given amc</return_msg>
    <status_desc>Invalid folio for given amc</status_desc>
  </service_response>
</NMFIIService>

```

Failure Case 2: Transaction Level Response.

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <unique_no>-----</unique_no>
    <txn_no>-----</txn_no>
    <application_no>-----</application_no>
    <fund>Hdfc</fund>
    <folio>110115</folio>
    <Source_product>BFD</Source_product>
    <Target_product>AG</Source_product>
    <Source_product_Name>Tata Balanced Fund Plan A - Dividend</scheme_Name>
    <Target_product_Name>Birla Sun Life '95 Fund - Growth-Regular
    Plan</Target_product_Name>
    <amt>5000</amt>
    <amt_unit_type>AMOUNT/UNIT</amt_unit_type>
    <status_desc>Invalid Bank Code</status_desc>
    <status_code>1</status_code>
    <input_ref_no>52521</input_ref_no>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure
error_code	If invalid folio for given AMC then in response we will provide error code as 99

For Service Response:

Success:

XML Tag	Field Description	Data Type	Remarks
Unique_No	Unique Ref No	varchar2(20)	12345
Trxn_No	Transaction No	number(10)	4567
Application_No	Application No	Number(10)	9874
Fund	AMC Code	varchar2(5)	HDFC
Folio	Folio No	varchar2(20)	1101245
Source_Scheme	Switch Out Scheme	varchar2(20)	BFD
Target_Scheme	Switch IN Scheme	varchar2(20)	AG

Source_Scheme_Name	Switch IN Scheme Name	varchar2(200)	Tata Balanced Fund Plan A - Dividend
Target_Scheme_Name	Switch out Scheme Name	varchar2(200)	Birla Sun Life '95 Fund - Growth-Regular Plan
Amt	Amount	number(25,8)	5000
Amt_Unit_Type	Amt or Unit Type	Varchar2(20)	AMOUNT/UNIT
Status_Desc	Status Description	varchar2	ok
Status_Code	Status Code	varchar2	0
input_ref_no	Input ref no	Varchar2(20)	52521

For Failure:

XML Tag	Field Description	Data Type	Remarks
Unique_No	Unique Ref No	varchar2(20)	
Trxn_No	Transaction No	number(10)	
Application_No	Application No	Number(10)	
Fund	AMC Code	varchar2(5)	HDFC
Folio	Folio No	varchar2(20)	1101245
Source_Scheme	Switch Out Scheme	varchar2(20)	BFD
Target_Scheme	Switch IN Scheme	varchar2(20)	AG
Source_Scheme_Name	Switch Out Scheme Name	varchar2(200)	Tata Balanced Fund Plan A - Dividend
Target_Scheme_Name	Switch IN Scheme Name	varchar2(200)	Tata Balanced Fund Plan A - Dividend
Amt	Amount	number(25,8)	5000
Amt_Unit_Type	Amt or Unit Type	Varchar2(20)	AMOUNT/UNIT
Status_Desc	Status Description	varchar2	Invalid Folio for given amc
Status_Code	Status Code	varchar2	1
input_ref_no	Input ref no	Varchar2(20)	52521

1.5.6 Method for Systematic Transaction

Method Name: “**SYSTRXNREG**”

This service will allow Systematic Transaction Registration

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>test</appln_id>
    <password>test$123</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011000028</iin>
    <trxn_type></trxn_type>
    <dp_id></dp_id>
    <euin_opted>Y</euin_opted>
    <euin>E123456</euin>
    <sub_brok_arn></sub_brok_arn>
    <trxn_acceptance></trxn_acceptance>
    <sip_paymech></sip_paymech>
    <acc_no></acc_no>
    <bank></bank>
    <branch></branch>
    <acc_type></acc_type>
    <micr_no></micr_no>
    <ifsc_code>IFSC0000001</ifsc_code>
    <debit_amt_type></debit_amt_type>
    <umrn></umrn>
    <ach_amt></ach_amt>
    <ach_fromdate></ach_fromdate>
    <ach_enddate></ach_enddate>
    <until_cancelled></until_cancelled>
    <Bank_holder_name>Krishnan</Bank_holder_name>
    <Bank_holder_name1></Bank_holder_name1>
    <Bank_holder_name2></Bank_holder_name2>
    <trans_count>1</trans_count>
    <ach_exist>Y</ach_exist>
    <trxn_initiator>I / O</trxn_initiator>
    <POA>N</ POA>
  </service_request>
  <childtrans>
    <amc>D</amc>
    <folio>5145607</folio>
    <product_code>BFD</product_code>
    <source_ft_acc_no></source_ft_acc_no>
    <target_product></target_product>
    <target_ft_acc_no></target_ft_acc_no>
    <reinvest>Y</reinvest>
    <amt_unit_type></amt_unit_type>
    <amt_unit></amt_unit>
    <all_unit></all_unit>
    <from_date>01-Jan-1990</from_date>
    <to_date>02-Jan-1990</to_date>
    <periodicity></periodicity>
    <period_day></period_day>
    <input_ref_no>52521</input_ref_no>
    <perpetual_flag>N</perpetual_flag>
    <insurance_enabled></insurance_enabled>
  </childtrans>
</NMFIIService>

```



```

<GOAL_BASED_SIP></GOAL_BASED_SIP>
<GOAL_TYPE></GOAL_TYPE>
<GOAL_AMOUNT></GOAL_AMOUNT>
<FREEDOM_SIP>Y</FREEDOM_SIP>
<FREEDOM_TARGET_SCHEME>RG2GR</FREEDOM_TARGET_SCHEME>
<FREEDOM_TENURE>12</FREEDOM_TENURE>
<FREEDOM_SWP_AMOUNT>50000</FREEDOM_SWP_AMOUNT>
<FREEDOM_SCHEME_OPTION>A</FREEDOM_SCHEME_OPTION>
</childtrans>
</NMFIIService>

```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	varchar2(20)	Y	
Password	Password	varchar2(15)	Y	
broker_code	Broker Code	varchar2(15)	Y	
lin	IIN	varchar2(20)	Y	
txn_type	Trxn Type	varchar2(7)	Y	SIP or SWP or STP
dp_id	DP ID	varchar2(20)	Y	
euin_opted	EUIN opted	char(1)	Y	
Euin	EUIN	varchar2(20)	N	
sub_brok_arn	Sub brok Arn	varchar2(20)	N	
txn_acceptance	Transaction through	varchar2(10)	N	Ph(By Phone) or OL(Online) or ALL
sip_paymech	SIP payment mech	Varchar2(15)	N	Applicable only for SIP. Value will be “ M / DC ” M [Mandate] – ACH Mandate Details are mandatory. DC [Direct Credit] - ACH Mandate details are not Mandatory.
acc_no	Account No	varchar2(40)	N	Applicable only for SIP
Bank	Bank	varchar2(40)	N	Applicable only for SIP
Branch	Branch	varchar2(40)	N	Applicable only for SIP
acc_type	Acc type	varchar2(10)	Y	Applicable only for SIP
micr_no	MICR No	varchar2(20)	N	Applicable only for SIP
ifsc_code	IFSC code	varchar2(40)	Y	Applicable only for SIP
debit_amt_type	Debit amt type	char(1)	N	Applicable only for SIP
Umrn	UMRN	varchar2(20)	N	If UMRN Exist then Bank Name, Branch Name, Account Number, Account Type, Debit Amount Type, ACH Amount, ACH From Date, ACH End Date, Bank Holder Name will be passed automatically to the database based on UMRN. So no need to provide the value again in the Bank Name, Branch Name Tags etc. you can leave

				blank if UMRN provided.
ach_amt	ACH Amount	Number(25,8)	N	Mandatory if Sub_trxn_type is SIP
ach_fromdate	ACH from date	Date(dd-Mon-yyyy)	N	Mandatory if Sub_trxn_type is SIP. Validation : ACH from date should not greater than SIP From date.
ach_enddate	ACH end date	Date(dd-Mon-yyyy)	N	Mandatory if Sub_trxn_type is SIP. Validation : ACH to date should be greater or equal to than sip to date.
until_cancelled	Until cancelled for SIP End date	Char(1)	N	Mandatory if Sub_trxn_type is SIP if until_cancelled ="Y" default date will be "31-Dec-2999"
Bank_holder_name	Bank holder name	Varchar2(70)	Y	
Bank_holder_name1	Bank holder name1	Varchar2(70)	N	
Bank holder name2	Bank holder name2	Varchar2(70)	N	
ach_exist	ACH Exist	char (1)	N	Default value will be 'N' 1. Pass the value 'Y', If ACH Mandate Details are already registered for the IIN. 2. Pass the Value 'N', if wants to register New mandate. <ul style="list-style-type: none"> IIN registered bank details are allowed for new Mandate Registration. If POA tag is 'Y' then you have to provide the POA Registered Bank details for new mandate registration If POA tag is 'N' then you have to provide the IIN Registered Bank details for new mandate registration
txn_initiator	Transaction Initiator	Varchar2(1)	N	We have introduced new flag <Trxn_Initiator> to identify the transaction coming from ARN portal is either initiated by Investor (I) or Others (O). For privilege enabled distributor, if the flag is passed as "I" then, OTP will be triggered as SMS to the IIN registered mobile number. Investor has to key in the OTP in ARN Web Portal. The ARN portal should send the OTP via another API method for authorization at our end. For others, if the flag is "null" or "O" then, OTP will be triggered as SMS / EMAIL to

				the IIN registered mobile number / email id. Investor has to respond with the OTP for authorization.
POA	POA	CHAR (1)	N	Value should be 'Y' or 'N'

Multi Transaction Table:

XML Tag	Field Description	Data Type	Mandatory	Remarks
amc	AMC	Varchar2(5)	Y	AMC Code
folio	Folio	Varchar2(20)	Y	For additional purchase alone mandatory.
product_code	Product Code	Varchar2(20)	Y	<p>If Freedom SIP flag is 'Y' then</p> <p>Freedom SIP: - The Product Code should be passed based on Freedom SIP flag is 'Y'.</p> <p>Kindly refer Product Master for allowed Freedom SIP Schemes.</p> <p>HDFC Dream SIP: - The Product Code should be passed based on Freedom SIP flag is 'Y' and Freedom Scheme Option.</p> <p>Kindly refer Product Master for allowed Dream SIP Schemes.</p>
source_ft_acc_no	Source FT Account Number	Varchar2(20)	N	
target_product	Target Product Code	varchar2(20)	N	For STP transaction alone
target_ft_acc_no	Target FT Account Number	Varchar2(20)	N	
reinvest	ReInvest	Char(1)	Y	<p>If it is "SIP", provide the reinvest value of the Product_Code Tag</p> <p>If it is "STP", then provide the reinvest value of the target_Product Tag.</p>
amt_unit_type	Amount	varchar2(40)	Y	Only 'Amount' is allowed for SIP, STP and SWP
amt_unit	Amount	number(25,8)	Y	Provide Amount value
all_unit	All Units	char(1)	N	Units not allowed. Leave blank
from_date	From date	date(dd-Mon-yyyy)	Y	SIP start date should not be greater than 3months from the date of SIP registration
to_date	To date	date(dd-Mon-yyyy)	Y	
periodicity	Periodicity	varchar2(5)	Y	
period_day	Period Day	varchar2(50)	Y	Daily (D) - No need provide the SIP Period Day Value.

				<p>Weekly (WD) - Need to provide Specific dates in SIP Period Day value. It will check the product master, whether the date is available for the given product code or not.</p> <p>Once In a Week (OW) - No need provide the SIP Period Day Value. SIP Period Day value (02 - Monday, 03 - Tuesday, 04- Wednesday, 05 - Thursday, 06 - Friday) will be taken automatically from SIP From Date. SIP from date should falls between Monday to Friday dates.</p> <p>Monthly (OM), Quarterly (Q), Half-Yearly (H), Yearly(Y), Twice a Month ((TW)) - Need to provide SIP Period Day value. It will check the product master, whether the date is available for the given product code or not.</p> <p>Business Day (BZ) - No need to provide SIP period day value. It will take value from SIP From Date and also we will validate whether the given SIP From date falls on business day or not.</p>
input_ref_no	Input ref no	Varchar2 (20)	N	This user Input Reference No will reflect in output Service Response XML for user reference.
perpetual_flag	Perpetual Flag	Char(1)	N	Value should be "Y" or "N" If Value is Y then the default value of SIP End Date will be 31-Dec-2099.
insurance_enabled	Insurance Enabled	Char(1)	N	Applicable only for SIP. Value should be "Y / N". If value "Y" then we will validate whether the scheme is eligible for Insurance. If eligible then the below things are mandatory. 1. Investor Age must be between 19 and 50. 2. Nominee name is required 3. Nominee DOB is required. 4. Nominee Percentage must be 100 5. If Nominee (Minor) Relationship is required."
GOAL_BASED_SIP	Goal Based SIP	Char(1)	N	Applicable only for SIP is Systematic. Value should be "Y / N". If value "Y" then Goal_Type and Goal_Amount tags are mandatory.

GOAL_TYPE	Goal Type	Varchar2 (100)	N	<p>Mandatory when Goal Based SIP value is Y.</p> <p>Pass either any one of the values mentioned below.</p> <p>1.Kids Marriage 2.Kids Education 3.Retirement Planning 4.Tax Savings 5.Dream House 6.Dream Car 7.Dream Vacation</p>
GOAL_AMOUNT	Goal Amount	Number(25,8)	N	<p>Mandatory when Goal Based SIP value is Y.</p> <p>10000</p>
FREEDOM_SIP	Freedom SIP	CHAR(1)	N	<p>Applicable only for Sub_trxn_type is Systematic. Value should be "Y / N".</p> <p>If value "Y" then FREEDOM_SIP and FREEDOM_SIP TARGET ,TENURE ,AMOUNT tags are mandatory.</p>
FREEDOM_TARGET_SCHEME	Freedom SIP Target scheme	Varchar2(50)	N	<p>Need to pass the scheme code based on product master.</p> <p>ALLOW_FREEDOM_SWP Flag should be 'Y' in product master.</p>
FREEDOM_TENURE	Freedom Tenure in years	Number(5)	N	<p>Based on FREEDOM SIP Mater need to pass the tenure.</p> <p>Example: 12</p>
FREEDOM_SWP_AMOUNT	Freedom Amount of investor interest	Number(25,8)	N	<p>SWP amount tab should be kept editable:</p> <p>For e.g, if an investor enters SIP Amount Rs 1000 & selects tenure 12 yrs, its option should show 2000, however user can edit it and place a value<=2000.</p>
FREEDOM_SCHEME_OPTION	Freedom Scheme Option	Char (1)	N	<p>Applicable only for the AMC Code - "H".</p> <p>Value should be "A / B".</p> <p>A – 'Option A' it means that the Source Scheme (Product Code) and the Freedom Target Scheme should be same.</p> <p>B – 'Option B' it means that the Source Scheme (Product Code) and the Freedom Target Scheme should be different.</p>

For Success Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <unique_no>12345</unique_no>
    <txn_no>4567</txn_no>
    <application_no>9874</application_no>
    <fund>Hdfc</fund>
    <folio>110115</folio>
    <Scheme>BFD</Scheme>
    <Scheme_Name>Tata Balanced Fund Plan A - Dividend</scheme_Name>
    <amt>5000</amt>
    <status_desc>Ok</status_desc>
    <status_code>0</status_code>
    <input_ref_no>52521</input_ref_no>
  </service_response>
</NMFIIService>
```

Failure Case 1: Validation Level Response.

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>Length of the IFSC Code should be 11</return_msg>
    <status_desc>Length of the IFSC Code should be 11</status_desc>
  </service_response>
</NMFIIService>
```

Failure Case 2: Transaction Level Response.

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <unique_no>-----</unique_no>
    <txn_no>-----</txn_no>
    <application_no>-----</application_no>
    <fund>Hdfc</fund>
    <folio>110115</folio>
    <Scheme>BFD</Scheme>
    <Scheme_Name>Tata Balanced Fund Plan A - Dividend</scheme_Name>
    <amt>5000</amt>
  </service_response>
</NMFIIService>
```

```

        <status_desc>Invalid folio for given amc</status_desc>
        <status_code>1</status_code>
        <input_ref_no>52521</input_ref_no>
    </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Field Description	data type	Remarks
Unique_No	Unique Ref No	varchar2(20)	12345
Trxn_No	Transaction No	number(10)	4567
Application_No	Application No	Number(10)	9874
Fund	AMC Code	varchar2(5)	HDFC
Folio	Folio No	varchar2(20)	1101245
Source_Scheme	Switch Out Scheme	varchar2(20)	BFD
Target_Scheme	Switch IN Scheme	varchar2(20)	AG
Target_Scheme_Name	Switch IN Scheme Name	varchar2(200)	Birla Sun Life '95 Fund - Growth-Regular Plan
Source_Scheme_Name	Switch Out Scheme Name	varchar2(200)	Tata Balanced Fund Plan A - Dividend
Amt	Amount	number(25,8)	5000
Status_Desc	Status Description	Varchar2	ok
Status_Code	Status Code	varchar2	0
input_ref_no	Input ref no	Varchar2(20)	52521

Failure:

XML Tag	Field Description	data type	Remarks
Unique_No	Unique Ref No	varchar2(20)	
Trxn_No	Transaction No	number(10)	
Application No	Application No	Number(10)	
Fund	AMC Code	varchar2(5)	HDFC

Folio	Folio No	varchar2(20)	1101245
Source_Scheme	Switch Out Scheme	varchar2(20)	BFD
Target_Scheme	Switch IN Scheme	varchar2(20)	AG
Source_Scheme_Name	Switch Out Scheme Name	varchar2(200)	Birla Sun Life '95 Fund - Growth-Regular Plan
Target_Scheme_Name	Switch IN Scheme Name	varchar2(200)	Tata Balanced Fund Plan A - Dividend
Amt	Amount	number(25,8)	5000
Status_Desc	Status Description	Varchar2	Sip from date should not be less than current date.
Status_Code	Status Code	varchar2	1
input_ref_no	Input ref no	Varchar2(20)	52521

1.5.7 Method to Cease the Systematic Transaction

Method Name : “**CEASESIP**”

This service will allow to Cease the Systematic Transaction

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>test</appln_id>
    <password>test$123</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011000001</iin>
    <trxn_no>155</trxn_no>
    <cease_req_date>09-Jun-2015</cease_req_date>
    <initiated_by>B</initiated_by>
    <nigo_remarks>test</nigo_remarks>
    <ceasetrxn_type>SIP</ceasetrxn_type>
    <trxn_initiator>I / O</trxn_initiator>
    <application_no>9874</application_no>
  </service_request>
</NMFIIService>

```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	test
password	Password	Varchar2(15)	Y	test\$123
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
iin	IIN	Varchar2(10)	Y	5011000045
trxn_no	Auto Trxn No	Number(10)	Y	155
cease_req_date	Cease Req Date	date	Y	09-Jun-2015

initiated_by	Initiated By	char(1)	Y	B - By Broker I - By Investor
nigo_remarks	NIGO Remarks	Varchar2(2000)	Y	test
ceasetrxn_type	Ceasetrxn type	Varchar2(20)	N	SIP or STP or SWP
trxn_initiator	Transaction Initiator	Varchar2(1)	N	<p>We have introduced new flag <<Trxn_Initiator>> to identify the transaction coming from ARN portal is either initiated by Investor (I) or Others (O).</p> <p>For privilege enabled distributor, if the flag is passed as "I" then, OTP will be triggered as SMS to the IIN registered mobile number. Investor has to key in the OTP in ARN Web Portal. The ARN portal should send the OTP via another API method for authorization at our end.</p> <p>For others, if the flag is "null" or "O" then, OTP will be triggered as SMS / EMAIL to the IIN registered mobile number / email id. Investor has to respond with the OTP for authorization.</p>
Application_No	Application No	Number	N	9874

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Auto Transaction No: 155 Ceased Successfully and Details sent to the
      Registered EMail ID and Mobile No.
    </return_msg>
  </service_response>
</NMFIIService>

```

For Failure Case:

```
<NMFIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Failed To Cease Auto Transaction No: 155
    </return_msg>
  </service_response>
</NMFIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response :

Success:

XML Tag	Remarks
return_msg	Auto Transaction No: 155 Ceased Successfully and Details sent to the Registered EMail ID and Mobile No.

Failure:

XML Tag	Remarks
return_msg	Failed To Cease Auto Transaction No: 155

1.5.8 Method to get Transaction Reverse Feed

Method Name: “**TRXNREVERSEFEED**”

This service will allow to generate the transaction reverse feed.

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>HJR$W34F3</password>
    <broker_code>ARN-44332</broker_code>
    <iin>5011006336</iin>
    <from_date>19-Jun-2015</from_date>
    <to_date>14-Sep-2015</to_date>
    <unique_no></unique_no>
  </service_request>
</NMFIIService>
```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	test
password	Password	Varchar2(15)	Y	test\$123
broker_code	Broker Code	Varchar2(15)	Y	Arn-70209
iin	IIN	Varchar2(10)	Y/N	5011000029
from_date	From Date	date(dd-Mon-yyyy)	Y	19-Jun-2015
to_date	To Date	date(dd-Mon-yyyy)	Y	19-Jul-2015
unique_no	Payment Ref No	Varchar2(15)	N	111

The invoke requested service and return the following output.

For Success Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>

  <service_response>
    <ref_no>1</ref_no>
    <date_of_trxn_request>19-Jun-2015</date_of_trxn_request>
    <time_of_trxn_request>05:30:00 PM</time_of_trxn_request>
    <location_name>M3</location_name>
    <user_code>NSETEST</user_code>
```

```

<user_name>NSETEST</user_name>
<investor_iin>5011000029</investor_iin>
<investor_name>raj aran</investor_name>
<long_name>Birla Mutual Fund</long_name>
<folio_no>2777000</folio_no>
<product_code>BFD / Balanced Fund - Dividend</product_code>
<trxn_type>New</trxn_type>
<sub_trxn_type>Normal</sub_trxn_type>
<amount>1000</amount>
<units>100</units>
<payment_mode>Q</payment_mode>
<payment_ref_no>12043</payment_ref_no>
<trxn_status>Pending for Authorization</trxn_status>
<POA_FLAG>No</POA_FLAG>
<POA_TYPE>DCPMS</POA_TYPE>
<Scheme_Reinvest>Reinvest</Scheme_Reinvest>
<Switch_In_Scheme_Name>Birla Sun Life Savings
Fund - Insurance</Switch_In_Scheme_Name>
<Switch_In_Scheme_Code>132WD</Switch_In_Scheme_Code>
<authorized_date_time>1/31/2018 8:51:17 PM</authorized_date_time>
<amc_code>B</amc_code>
  <Fund_cleared_Date></Fund_cleared_Date>
  <sip_start_date>09-NOV-2017</sip_start_date>
  <sip_end_date>09-DEC-2017</sip_end_date>
  <frequency>ONCE A MONTH</frequency>
  <application_no>9874</application_no>
</service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Invalid IIN
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:**Success:**

XML Tag	Field Description	Data Type	Remarks
ref_no	User txn ref no	number(10)	1
date_of_txn_request	Entry date	date	19-Jun-2015
time_of_txn_request	Entry time	date	05:30:00 PM
Location_name	Location code	varchar2(20)	M3
user_code	User code	varchar2(20)	NSETEST
user_name	User name	varchar2(100)	NSETEST
Investor_iin	IIN	varchar2(10)	5011000045
investor_name	Investor name	varchar2(70)	raj aran
Long_name	Amc long name	varchar2(100)	D
folio_no	Folio no	varchar2(20)	2777000
product_code	Product code	varchar2(20)	BFD / Balanced Fund - Dividend
txn_type	Transaction type	varchar2(7)	New
sub_txn_type	Sub Transaction type	varchar2(7)	Normal
amount	Amount	number(25,8)	1000
units	Units	number(25,8)	100
payment_mode	Payment mode	varchar2(7)	Q
payment_ref_no	Unique ref No	varchar2(20)	12043
txn_status	Transaction status	varchar2(2)	Pending Pending for Authorization Authorized Submitted to RTA Processed by RTA Rejected/Reversal Rejected by RTA with Reason
POA_Flag	POA Flag	Varchar2(3)	No
POA_TYPE	POA Type	Varchar2(10)	DCPMS
Scheme_Reinvest	Scheme Reinvest	Varchar2(10)	Reinvest
Switch_In_Scheme_Name	Switch In Scheme Name	Varchar2(50)	Birla Sun Life Savings Fund - Insurance
Switch_In_Scheme_Code	Switch In Scheme Code	Varchar2(10)	132WD

authorized_date_time	Authorized Date Time	DateTime	1/31/2018 8:51:17 PM
amc_code	AMC Code	Varchar2(5)	B
Fund_Cleared_Date	Fund Cleared Date	Date	
Application_No	Application No	Number(10)	9874

Failure:

XML Tag	Remarks
return_msg	Invalid IIN

1.5.9 Method to Get All IIN Details

Method Name : “ALLIINDETAILS”

This service will allow to get ALL IIN information based on Broker Code.

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>test</appln_id>
    <password>test$123</password>
    <broker_code>ARN-70209</broker_code>
    <last_modified_date>12-FEB-2018</last_modified_date>
    <status>N</status>
  </service_request>
</NMFIIService>
```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	
password	Password	Varchar2(15)	Y	
broker_code	Broker Code	Varchar2(15)	Y	
Last_modified_date	Date	Date	N	12-FEB-2018 DD-MON-YYYY
Status	Status	Varchar2(1)	N	Y – Active N – In Active If status is not provided then we will provide all the Active and In Active IIN Details.

The invoke requested service and return the following output.

For Success Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <customer_id>5011000029</customer_id>
    <investor_name>testing</investor_name>
    <fh_pan_no>AAAAA1234A</fh_pan_no>
    <tax_status_code>01</tax_status_code>
    <tax_status_desc>Individual</tax_status_desc>
    <hold_n_code>SI</hold_n_code>
    <hold_nature_desc>SINGLE</hold_nature_desc>
    <activation_status>yes</activation_status>
    <iin_deactivation_reason />
    <iin_deactivation_date />
    <last_modified_date> 28-Jun-2016</last_modified_date>
    <mapped_user_name>ABC/A ABCD</>
  </service_response>
</NMFIIService>
```

For Failure Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Invalid Broker code
    </return_msg>
  </service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response :

Success:

XML Tag	Field Description	Data Type	Remarks
---------	-------------------	-----------	---------

customer_id	Customer id	varchar2(10)	5011000029
investor_name	Investor name	Varchar2(100)	testing
fh_pan_no	PAN	Varchar2(10)	AAAAA1234A
tax_status	TAX Status	Varchar2(2)	01
tax_status_desc	Tax Status Dec	Varchar2 (35)	Individual
hold_n_code	Holding Nature	Varchar2(2)	SI
hold_nature_desc	Holding Nature Dec	Varchar2(20)	SINGLE
activation_status	Activation Status	Varchar2((3)	YES
iin_deactivation_reason	IIN Deactivation Reason	Varchar2((4)	
iin_deactivation_date	IIN Deactivation	date(dd-Mon-yyyy)	
Last_modified_date	Last Modified Date	Varchar2(20)	28-Jun-2016
mapped_user_name	Mapped User Name	Varchar2(100)	ABC/A ABCD

Failure:

XML Tag	Remarks
return_msg	Invalid Broker code

1.5.10 Method to FATCA Registration

Method Name : “**FATCAKYCUBOREG**”

This service will allow to Register FATCA/KYC/UBO.

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>TEST706</appln_id>
    <password>TEST$36@</password>
    <broker_code>ARN-70209</broker_code>
    <pan>ABCDE0113K</pan>
    <tax_status>01</tax_status>
    <investor_name>Karthik</investor_name>
    <chkExemplndValid>N</chkExemplndValid>
    <editor_id>KGNANA</editor_id>
    <ubo_applicable_count>2</ubo_applicable_count>
    <iin>5011000029</iin>
  </service_request>
  <KYC>
    <app_income_code>34</app_income_code>
    <net_worth_sign>+</net_worth_sign>
    <net_worth>5000</net_worth>
    <net_worth_date>31-Jul-2015</net_worth_date>
    <pep>Y</pep>
    <occ_code>1</occ_code>
    <source_wealth>03</source_wealth>
    <corp_servs>01</corp_servs>
  </KYC>
  <Fatca>
    <dob>31-Jul-1987</dob>
    <addr_type>2</addr_type>
    <data_src>E</data_src>
    <log_name>Karthikeyanm@sterlingsoftware.co.in</log_name>
    <country_of_birth>IND</country_of_birth>
    <place_birth>PO</place_birth>
    <tax_residency>N</tax_residency>
    <country_tax_residency1>IND</country_tax_residency1>
    <tax_payer_identityno1>PYBQI9229X</tax_payer_identityno1>
    <id1_type>C</id1_type>
    <country_tax_residency2></country_tax_residency2>
    <tax_payer_identityno2></tax_payer_identityno2>
    <id2_type></id2_type>
    <country_tax_residency3></country_tax_residency3>
    <tax_payer_identityno3></tax_payer_identityno3>
    <id3_type></id3_type>
    <country_tax_residency4></country_tax_residency4>
    <tax_payer_identityno4></tax_payer_identityno4>
    <id4_type></id4_type>
    <ffi_drmfe></ffi_drmfe>
  </Fatca>
</NMFIIService>
```

```
<nffe_catg></nffe_catg>
<nature_bus></nature_bus>
<act_nfe_subcat></act_nfe_subcat>
<stock_exchange></stock_exchange>
<listed_company></listed_company>
<us_person>N</us_person>
<exemp_code></exemp_code>
<giin_applicable></giin_applicable>
<giin></giin>
<giin_exem_cat></giin_exem_cat>
<sponcer_availability></sponcer_availability>
<sponcer_entity></sponcer_entity>
<giin_not_app></giin_not_app>
</Fatca>
<ubo>
  <ubo_add1>df</ubo_add1>
  <ubo_add2>ddd</ubo_add2>
  <ubo_add3>dd</ubo_add3>
  <ubo_master_codes>C04</ubo_master_codes>
  <ubo_pan_no>THTHT1234P</ubo_pan_no>
  <ubo_name>BDDD</ubo_name>
  <ubo_country_tax_residency>IND</ubo_country_tax_residency>
  <ubo_cob>TN</ubo_cob>
  <ubo_cocn>IND</ubo_cocn>
  <ubo_country>IND</ubo_country>
  <ubo_dob>14-Jan-1988</ubo_dob>
  <ubo_father_nam>JDFFD</ubo_father_nam>
  <ubo_gender>M</ubo_gender>
  <ubo_holding_perc>100</ubo_holding_perc>
  <ubo_occ_code>3D</ubo_occ_code>
  <ubo_tel_no>5151515</ubo_tel_no>
  <ubo_mobile>9876543121</ubo_mobile>
  <ubo_pincode>123123</ubo_pincode>
  <ubo_city>SDF</ubo_city>
  <ubo_state>SDF</ubo_state>
  <ubo_add_type>1</ubo_add_type>
  <ubo_id_type>C</ubo_id_type>
  <ubo_tin_no>SADFD6265D</ubo_tin_no>
</ubo>
</service_request>
</NMFIIService>
```

Input Code Data:**Address Type:**

Code	Description
1	Residential or Business
2	Residential
3	Business
4	Registered office
5	Unspecified

NFFE Category:

Code	Description
L	Listed entity
RL	Related or Listed entity
A	Active NFFE
P	Passive NFFE
NA	Not Applicable -for Non NFFE

Identification Type:

Code	Description
A	Passport
B	Election ID Card
C	PAN Card
D	ID Card
E	Driving License
G	UIDIA / Aadhar letter
H	NREGA Job Card
O	Others
X	Not categorized
T	TIN [Tax Payer Identification Number]
C1	Company Identification Number
G1	US GIIN
E1	Global Entity Identification Number

GIIN Not Applicable:

Code	Description
AF	Applied for
NR	Not required to apply for
NO	Not obtained - Non-participating FFI

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	test
password	Password	Varchar2(15)	Y	test\$123
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
Pan / PEKRN	Pan or PEKRN	Varchar2(10)	Y	DUIPK1908K
tax_status	Tax status code	Varchar2(3)	Y	'01
investor_name	Investor Name	Varchar2(70)	Y	XXXX
chkExemplndValid	Exemption input valid	Char(1)	Y	For PAN Exempt Case provide "Y" else provide "N"
editor_id	Editor Id	Varchar2(20)		Kindly pass your Application ID.
KYC_availability	KYC availability	Varchar2(1)	Y	Y
FATCA_availability	FATCA availability	Varchar2(1)	Y	Y
UBO_availability	UBO availability	Varchar2(1)	Y	Y
ubo_applicable_count	UBO Applicable Count	Varchar2(10)	Y	1
IIN	IIN	Varchar2(10)	N	5011000029
app_income_code	Applicable Income	Number(5)	Y	Mandatory if tax status is individual
net_worth_sign	Net Worth Sign	Char(1)	N	Mandatory if tax status is Non-Individual Value should be + or - . If No trxn sign is given then default value is +
net_worth	Net Worth	Number(38,2)	Y	Mandatory if tax status is Non-individual
net_worth_date	Net worth date	Date	Y	Mandatory if tax status is Non-individual
pep	PEP(Politically Exposed Person)	Varchar2(2)	Y	Mandatory if tax status is individual. Pass values as Y or N or R PEP - Y If Not PEP - N Related to PEP - R
occ_code	Occupation code	Varchar2(2)	Y	
source_wealth	Source of wealth	Varchar2(3)	N	
corp_servs	Corp service	Varchar2(2)	Y	Corporate Services is applicable for NON-Individual. Pass the values as 01 or 02 or 03 or 04 01 - Foreign Exchange / Money Changer Services

				02 - Gaming / Gambling / Lottery Services [e.g. casinos, betting syndicates] 03 - Money laundering / Pawning 04 - to be blank if the same is not applicable
aadhaar_rp	Aadhaar Id	Varchar2(30)	N	
dob	Date of Birth	Date	Y	31-Jul-1987
addr_type	Address Type	Varchar2(1)	Y	2
data_src	Data Source	Varchar2(3)	Y	E
log_name	Log Name(Email id)	Varchar2(128)	Y	test@gmail.com
country_of_birth	Country of Birth	Varchar2(50)	Y	IND
place_birth	Place of Birth	Varchar2(50)	Y	It is a free text.
tax_residency	Tax Residency	Varchar2(1)	Y	Tax Residency Other than India (Y or N) If 'Y' then the following fields like country_tax_residency1, tax_payer_identityno1,id1_type are mandatory. If 'N' then the following fields like country_tax_residency1, tax_payer_identityno1,id1_type are Non-Mandatory. Default value will be passed as India – Country_tax_residency1 DUIPK1908K – tax_payer_identityno1 C - id1_type
country_tax_residency1	Country of tax Residency	Varchar2(50)	Y/N	
tax_payer_identityno1	Tax Payer Identification	Varchar2(20)	Y/N	
id1_type	ID type 1	Varchar2(2)	Y/N	Refer above Identification Type table values.
country_tax_residency2	Country of tax residency2	Varchar2(50)	N	
tax_payer_identityno2	Tax payer identification 2	Varchar2(20)	N	
id2_type	ID type 2	Varchar2(2)	N	Refer above Identification Type table values.
country_tax_residency3	Country of tax Residency3	Varchar2(50)	N	
tax_payer_identityno3	Tax Payer Identification 3	Varchar2(20)	N	

id3_type	ID type 3	Varchar2(2)	N	Refer above Identification Type table values.
country_tax_residency4	Country of tax residency4	Varchar2(50)	N	
tax_payer_identityno4	Tax Payer Identification 4	Varchar2(20)	N	
id4_type	ID type 4	Varchar2(2)	N	
ffi_drnfe	FFI	Varchar2(20)	Y	If tax_status is Non-individual FFI is Mandatory. Value should be 'Y' or 'N'
nffe_catg	NFFE Catagory	Char (2)	Y	If FFI is "N" nffe is mandatory(L)
nature_bus	Nature Of business	Varchar2(30)	Y	It is free text and it is mandatory based on NFFE Category. Nature of business is mandatory for Active NFFE & Passive NFFE of NFFE Category
act_nfe_subcat	Active NFE Sub Category	Varchar2(3)	Y	If NFFE_catg is "A" then Nature of business I s mandatory
stock_exchange	Stock Exchange	Varchar2(70)	Y	It is mandatory based on NFFE Category. Name of stock Exchange is mandatory for "Listed Entity" and "Related to Listed Entity" Value should be B - BSE, N - NSE, O - Others
listed_company	Listed Company	Varchar2(70)	Y	It is free text and it is mandatory based on NFFE Category. Listed company is mandatory for "Related to Listed Entity" of NFFE Category
us_person	Us Person	Char(1)	Y	N
exemp_code	Exemption Cde	Varchar2(2)	Y	if Us_Person = " N " & COB = " USA " & taxresidcy = " Y ") then exemp_code is mandatory
giin_applicable	GIIN Applicable	Varchar2(1)	Y	If tax status is non individual (Y)
giin	GIIN	Varchar2(25)	Y	If GIIN_applicable is " Y " is mandatory
giin_exem_cat	GIIN Exem Catagory	Varchar2(2)	Y	
sponcer_availability	Sponcer Availabity	Varchar2(2)	Y	Value Y = Yes Or N = No
sponcer_entity	Sponcer Entity	Varchar2(60)	Y	If Sponcer_availability = Y is madantoru of sponcer_entity.

				It is free text and it is mandatory based on GIIN Applicable. If GIIN Applicable is 'Y' then Name of sponser entity is mandatory.
giin_not_app	GIIN Not Applicable	Varchar2(3)	Y	If GIIN_applicable is “ N ” is mandatory
ubo_add1	UBO Address 1	Varchar2(50)	Y	Chennai
ubo_add2	UBO Address 2	Varchar2(50)	Y	Pondy
ubo_add3	UBO Address 3	Varchar2(50)	Y	Chennai
ubo_applicable	UBO Applicable	Char(1)	Y	Mandatory for Non-Individuals. As UBO is not applicable for Listed Company / Group / Associate Company of the Listed Company / Company controlled by Listed Company, CP may provide the flag as 'N' in those instances
ubo_master_codes	UBO Master Code	Varchar2(10)	Y	Mandatory if UBO_APPLICABLE is ' Y '
ubo_pan_no	UBO Pan	Varchar2(20)	Y	
ubo_name	UBO Name	Varchar2(75)	Y	Mandatory if UBO_APPLICABLE is ' Y '
ubo_country_tax_residency	UBO Country of tax residency	Varchar2(3)	Y	Mandatory if UBO_APPLICABLE is ' Y '
ubo_cob	UBO Country of birth	Varchar2(3)	Y	
ubo_cocn	UBO Country of citizenship Nationality	Varchar2(3)	N	
ubo_country	UBO Coutry	Varchar2(50)	Y	
ubo_declaration	UBO Declaration	Varchar2(10)	N	Value should be 'Y' or 'N'
ubo_dob	UBO DOB	Date	N	31-Jul-1987
ubo_father_name	UBO father Name	Varchar2(50)	N	
ubo_gender	UBO	Char(1)	Y	Mandatory if UBO_APPLICABLE is ' Y ' (M)
ubo_holding_perc	UBO Holding Percentage	Number(5,2)	Y	Mandatory if UBO_APPLICABLE is ' Y ' (100)
ubo_occ_code	UBO Occupation code	Varchar2(2)	N	
ubo_tel_no	UBO Telephone No	Varchar2(12)	N	3D
ubo_mobile	UBO Mobile No	Varchar2(12)	N	9876543210
ubo_pincode	UBO Pincode	Varchar2(6)	Y	441124578212
ubo_city	UBO City	Varchar2(50)	Y	Chennai
ubo_state	UBO State	Varchar2(30)	Y	TN
ubo_add_type	UBO Address Type	Varchar2(2)	Y	2

ubo_id_type	UBO ID Type	Varchar2(2)	Y	Mandatory if UBO_APPLICABLE is 'Y' Refer above Identification Type table values.
ubo_tin_no	UBO TIN No	varchar2(20)	Y	Mandatory if UBO_APPLICABLE is 'Y', Provided PAN if no other TIN has been issued by any other country (212312311515)

The invoke requested service and return the following output.

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <status_desc>FATCA-KYC-UBO Inserted Successfully. </status_desc>
  </service_response>
</NMFIIService>

```

For Failure Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      FATCA Registration Failed.
    </return_msg>
  </service_response>
</NMFIIService>
```

Output data as table format:

For Service Response :

Success:

XML Tag	Remarks
status_desc	FATCA-KYC-UBO Inserted Successfully

Failure:

XML Tag	Remarks
return_msg	FATCA Registration Failed

1.5.11 Method to Edit Customer Details

Method Name: “**EDITCUSTOMER**”

This service will allow to Edit Customer Details (Modification IIN Request).

IIN Modification Through Digital Process:

Introduced a new feature in EDITCUSTOMER API method that modification can be done through Digital Process.

- It is applicable only for Digital IIN.
- Post IIN Modification Request, IIN Modification Confirmation Link will be triggered to respective holder through email.
- All the holders should confirm the link and based on that IIN Details will be updated immediately.
- If any change in Investor Name and Bank Details, then KYC Check and Penny Drop Check will happen parallelly. If KYC check and Penny Drop is success then IIN Modification Link will be triggered to respective holders, post confirmation from all the holders IIN details will be updated immediately.

The Confirmation Link will not be sent for the below cases if the Process Mode is **Digital**. It will be considered as Physical Process mode.

1. If the Email address is changed for any of the IIN Holder, then it will be considered as Physical Process Mode.
2. If any change in Bank details, then Penny Drop will happen parallelly and any mismatch in Bank Holder Name then it will be considered as Physical Process Mode.
3. If any change in Investor Name, then KYC Check will happen parallelly for the respective Holder and if any mismatch in investor name and KYC Name then it will be considered as Physical Process Mode.

Note: If the Process Mode is **Physical** for the IIN then it is the existing process. NSE Back office will verify the details and activate.

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>HJR$W34F3</password>
    <broker_code>ARN-44332</broker_code>
    <iin>5011000029</iin>
    <title>Mr.</title>
    <inv_name>anil jadhav</inv_name>
    <dob>02-jan-1989</dob>
    <occupation>1A</occupation>
    <mfu_can></mfu_can>
    <dp_id></dp_id>
    <father_name></father_name>
    <mother_name></mother_name>
    <addr1>xxx</addr1>
    <addr2></addr2>
    <addr3></addr3>
    <city>Ahmedabad</city>
    <state>GU</state>
    <pincode>384250</pincode>
    <country>IND</country>
    <mobile_no>8975641235</mobile_no>
    <res_phone></res_phone>
    <off_phone></off_phone>
    <res_fax></res_fax>
    <off_fax></off_fax>
    <email>test@gmail.com</email>
    <jh1_email></jh1_email>
    <jh1_mobile_no></jh1_mobile_no>
    <jh2_email></jh2_email>
    <jh2_mobile_no></jh2_mobile_no>
    <nri_addr1></nri_addr1>
    <nri_addr2></nri_addr2>
    <nri_addr3></nri_addr3>
    <nri_city></nri_city>
    <nri_state></nri_state>
    <nri_pincode></nri_pincode>
```

```

<nri_country></nri_country>
<bank_name>ICICI</bank_name>
<acc_no>037010100256352</acc_no>
<acc_type>SB</acc_type>
<ifsc_code>ICIC0001878</ifsc_code>
<branch_name></branch_name>
<branch_addr1>yamunanagar,pune</branch_addr1>
<branch_addr2></branch_addr2>
<branch_addr3></branch_addr3>
<branch_city>yamunanagar</branch_city>
<branch_pincode>411045</branch_pincode>
<branch_country>IND</branch_country>
<no_of_nominee>0</no_of_nominee>
<nominee1_type></nominee1_type>
<nominee1_name></nominee1_name>
<nominee1_dob></nominee1_dob>
<nominee1_addr1></nominee1_addr1>
<nominee1_addr2></nominee1_addr2>
<nominee1_addr3></nominee1_addr3>
<nominee1_city></nominee1_city>
<nominee1_state></nominee1_state>
<nominee1_pincode></nominee1_pincode>
<nominee1_relation></nominee1_relation>
<nominee1_percent></nominee1_percent>
<nominee1_guard_name></nominee1_guard_name>
<nominee1_guard_pan></nominee1_guard_pan>
<nominee2_type></nominee2_type>
<nominee2_name></nominee2_name>
<nominee2_dob></nominee2_dob>
<nominee2_relation></nominee2_relation>
<nominee2_percent></nominee2_percent>
<nominee2_guard_name></nominee2_guard_name>
<nominee2_guard_pan></nominee2_guard_pan>
<nominee3_type></nominee3_type>
<nominee3_Name></nominee3_Name>
<nominee3_dob></nominee3_dob>
<nominee3_relation></nominee3_relation>
<nominee3_percent></nominee3_percent>
<nominee3_guard_name></nominee3_guard_name>
<nominee3_guard_pan></nominee3_guard_pan>
<micr_no></micr_no>
<guardian_relation>NG</guardian_relation>
<mobile_relation></mobile_relation>
<email_relation></email_relation>
</service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	

Password	Password	Varchar2(15)	Y	
broker_code	Broker Code	Varchar2(15)	Y	
lin	Cutomer ID	Varchar2(10)	Y	5011000029
Title	Title	Varchar2(6)	N	Mr. or Mrs. or Ms. or M/S.
inv_name	Investor Name	Varchar2(70)	Y	
Dob	DOB/DOI	Date(dd-Mon-yyyy)	Y	Date of Birth / Date of Incorporation
Occupation	Occupation Code	Varchar2(2)	N	Refer occupation master
mfu_can	MFU CAN	Varchar2(20)	N	CAN generated in MF Utility application
dp_id	DP ID	Varchar2(20)	N	
father_name	Father Name	Varchar2(40)	N	
mother_name	Mother Name	Varchar2(40)	N	
addr1	Address1	Varchar2(120)	Y	
addr2	Address2	Varchar2(120)	N	
addr3	Address3	Varchar2(120)	N	
City	City	Varchar2(35)	Y	Refer pincode city master
State	State code	Varchar2(35)	Y	Refer state master
Pincode	Pincode	Varchar2(15)	Y	Refer pincode city master
Country	Country	Varchar2(35)	Y	Refer Country master
mobile_no	Mobile No	Varchar2(13)	Y	
res_phone	Residence Phone	Varchar2(35)	N	
off_phone	Office Phone	Varchar2(35)	N	
res_fax	Residence Fax	Varchar2(35)	N	
off_fax	Office Fax	Varchar2(35)	N	
Email	Email	Varchar2(128)	Y	
jh1_email	JH1 Email	Varchar2(128)	N	
jh1_mobile_no	JH1 Mobile No	Varchar2(13)	N	
jh2_email	JH2 Email	Varchar2(128)	N	
jh2_mobile_no	JH2 Mobile No	Varchar2(13)	N	
nri_addr1	NRI Address1	Varchar2(120)	N	
nri_addr2	NRI Address2	Varchar2(120)	N	
nri_addr3	NRI Address3	Varchar2(120)	N	
nri_city	NRI City	Varchar2(40)	N	
nri_state	NRI State	Varchar2(4)	N	
nri_pincode	NRI Pincode	Varchar2(15)	N	
nri_country	NRI Country	Varchar2(35)	N	
bank_name	Bank Name	Varchar2(40)	Y	Refer Bank master
acc_no	Account No	Varchar2(40)	Y	

acc_type	Account type	Varchar2(5)	Y	Refer account type master
ifsc_code	IFSC Code	Varchar2(20)	Y	IFSC0000001
branch_name	Branch Name	Varchar2(40)	Y	
branch_addr1	Branch Address1	Varchar2(120)	Y	
branch_addr2	Branch Address2	Varchar2(120)	N	
branch_addr3	Branch Address3	Varchar2(120)	N	
branch_city	Branch City	Varchar2(35)	N	Refer pincodecity master
branch_pincode	Branch Pincode	Varchar2(15)	N	Refer pincodecity master
branch_country	Branch Country	Varchar2(35)	N	Refer Country master
no_of_nominee	No of Nominee	Number(1)	N	1 or 2 or 3
nominee1_type	Nominee1 Type	Varchar2(15)	N	N or Y(Major/Minor)
nominee1_name	Nominee1 Name	Varchar2(40)	N	
nominee1_dob	Nominee1 DOB	Date(dd-Mon-yyyy)	N	
nominee1_addr1	Nominee1 Address1	Varchar2(120)	N	
nominee1_addr2	Nominee1 Address2	Varchar2(120)	N	
nominee1_addr3	Nominee1 Address3	Varchar2(120)	N	
nominee1_city	Nominee1 City	Varchar2(40)	N	Refer pincode city master
nominee1_state	Nominee1 State code	Varchar2(4)	N	Refer state master
nominee1_pincode	Nominee1 Pincode	Varchar2(15)	N	Refer pincode city master
nominee1_relation	Nominee1 Relation	Varchar2(40)	N	Father or Mother or Wife or Husband or Son or Daughter or Father-in-law or Mother-in-law or Son-in-law or Daughter-in-law or Aunt or Uncle or Niece or Nephew or Brother or Sister or Grand Father or Grand Mother or Others
nominee1_percent	Nominee1 Percent	Number(25,8)	N	
nominee1_guard_name	Nominee1 Guardian Name	Varchar2(75)	N	
nominee1_guard_pan	Nominee1 Guardian PAN	Varchar2(10)	N	
nominee2_type	Nominee2 Type	Varchar2(15)	N	N or Y(Major/Minor)
nominee2_name	Nominee2 Name	Varchar2(40)	N	
nominee2_dob	Nominee2 DOB	Date(dd-Mon-yyyy)	N	
nominee2_relation	Nominee2 Relation	Varchar2(40)	N	Father or Mother or Wife or Husband or Son or Daughter or Father-in-law or Mother-in-law or Son-in-law or Daughter-in-law or Aunt or Uncle or Niece or Nephew or Brother or Sister

				or Grand Father or Grand Mother or Others
nominee2_percent	Nominee2 Percent	Number(5,2)	N	
nominee2_guard_name	Nominee2 Guardian Name	Varchar2(75)	N	
nominee2_guard_pan	Nominee2 Guardian PAN	Varchar2(10)	N	
nominee3_type	Nominee3 Type	Varchar2(15)	N	N or Y(Major/Minor)
nominee3_Name	Nominee3 Name	Varchar2(40)	N	
nominee3_dob	Nominee3 DOB	Date(dd-Mon-yyyy)	N	
nominee3_relation	Nominee3 Relation	Varchar2(40)	N	Father or Mother or Wife or Husband or Son or Daughter or Father-in-law or Mother-in-law or Son-in-law or Daughter-in-law or Aunt or Uncle or Niece or Nephew or Brother or Sister or Grand Father or Grand Mother or Others
nominee3_percent	Nominee3 Percent	Number(25,8)	N	
nominee3_guard_name	Nominee3 Guardian Name	Varchar2(35)	N	
nominee3_guard_pan	Nominee3 Guardian PAN	Varchar2(10)	N	
Micr_no	MICR No	Varchar2(20)	N	
Guardian_relation	Guardian Relation	Varchar2(50)	N	Value Should be NG or LG 1.NG - Natural guardian 2.LG - Legally appointed guardian If value is not provide then default value will be updated as natural guardian (NG).
Mobile_relation	Mobile Relation	Varchar2(5)	N	It is mandatory for Individual tax status. Kindly refer Master API service to get the Relationship Code (GET_RELATIONSHIP_MAST ER API Method) Value should be SE = Self SP = Spouse

				DC = Dependent Children DS = Dependent Siblings DP = Dependent Parents GD = Guardian PM = PMS CD = Custodian PO = POA
Email_relation	Email Relation	Varchar2(5)	N	It is mandatory for Individual tax status. Kindly refer Master API service to get the Relationship Code (GET_RELATIONSHIP_MASTER API Method) Value should be SE = Self SP = Spouse DC = Dependent Children DS = Dependent Siblings DP = Dependent Parents GD = Guardian PM = PMS CD = Custodian PO = POA

The invoke requested service and return the following output.

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <return_msg>Your request for change has been submitted to NMF II Team. </return_msg>
  </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Invalid Broker code
    </return_msg>
  </service_response>

```


</NMFIIService>

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response :

Success:

XML Tag	Remarks
return_msg	Your request for change has been submitted to NMF II Team.

Failure:

XML Tag	Remarks
return_msg	Invalid Broker code

1.5.12 Method to get IIN Modification Status

Method Name : “IINMODIFICATIONSTATUS”

This service will allow to generate the IIN Modification Status report.

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>HJR$W34F3</password>
    <broker_code>ARN-44332</broker_code>
    <iin>5011006336</iin>
  </service_request>
</NMFIIService>

```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	test
password	Password	Varchar2(15)	Y	test\$123
broker_code	Broker Code	Varchar2(15)	Y	Arn-70209
iin	IIN	Varchar2(10)	Y	5011000029

The invoke requested service and return the following output.

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>

  <service_response>
    <customer_id>5011000029</customer_id>
    <investor_name>Ganesh Vijay Dixit</investor_name>
    <brok_dlr_code>ARN-70209</brok_dlr_code>
    <fh_pan_no>BJKPM3516R</fh_pan_no>
    <guardian_pan_no></guardian_pan_no>
    <tax_status_desc>Individual</tax_status_desc>
    <hold_nature_desc>SINGLE</hold_nature_desc>
    <nf_sequence_no>1423</nf_sequence_no>
    <created_date>16/02/2016 2:06:47 PM</created_date>
    <status>activated</status>
  </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>

```

```
<return_msg>
  Invalid IIN
</return_msg>
</service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Field Description	Data Type	Remarks
customer_id	Customer ID	varchar2(10)	501100029
investor_name	Investor Name	varchar2(70)	Ganesh Vijay Dixit
brok_dlr_code	Broker Code	varchar2(20)	ARN-70209
fh_pan_no	PAN	varchar2(10)	BJKPM3516R
guardian_pan_no	Guardian PAN	varchar2(10)	
tax_status_desc	Tax Status	varchar2(10)	Individual
hold_nature_desc	Holding Nature	varchar2(10)	SINGLE
nf_sequence_no	Sequence no	number(10)	1423
created_date	Create Date	date	16-Feb-2016 2:06:47 PM
status	Status	varchar2(20)	ACTIVATED

Failure:

XML Tag	Remarks
return_msg	Invalid IIN

1.5.13 Method to get ACH Mandate Registration

Method Name: **“ACHMANDATEREGISTRATIONS”**

This service will allow to generate the ACH Mandate Registration.

Note:

1. ACH from Date should not be less the Current Date
2. IFSC Code is mandatory for e mandate Registration
3. e Mandate allowed banks. Refer bank master for E Mandate Allowed Banks (Net banking, Debit Card).
4. e Mandate Link Expiry Validation. (Maximum Link Expiry Validation - 48 hrs, Minimum Link Expiry Validation - 24 hrs)
 - If ACH From Date (18-Sep-2020) and Entry Date (18-Sep-2020 11:00 AM) is on same day then Link will be valid up to 24 hrs (i.e., 19-Sep-2020 11:00 AM) and also if the Investor clicks the link on same day then ACH From Date will be same (18-Sep-2020) and if they click the link on next day then system will modify the ACH From Date to 19-Sep-2020.
 - ACH From Date (19-Sep-2020) and Entry Date (18-Sep-2020 11:00 AM), If ACH From Date is on future date then link will be valid based on ACH From Date (i.e., valid up to 19-Sep-2020 11:59 PM). System will not modify the given ACH from date, it will be same date given in the request.
 - ACH From Date (20-Sep-2020) and Entry Date (18-Sep-2020 11:00 AM), if ACH from date is on future date the link will be valid up to 48 hrs (i.e., 20-Sep-2020 11:00 AM). System will not modify the given ACH from date, it will be same date given as per request.
5. New response field Expire Date & Time added in the e Mandate registration response and ACH Mandate Report
6. Even though UMRN received upfront during the registration, NMF system will activate the mandate on T + 3 business days as per banker request.
7. If Link is expired then system will change the ACH mandate status as 'Rejected'
8. For Broken case, after submitting the request system will wait for T+3 days, if no response received from Banker system will change the status to "Rejected"
9. System will alert “Already exist” message if you are trying with same set of parameters (Customer ID, Bank Name, Account Number, ACH Amount, Account Type) for UMRN pending cases
10. Only Whitelisted banks registered against the are allowed for e Mandate Registration
11. System will accept the same mandate details only when ACH Mandate Status is 'REJECTED' or 'ACCEPTED'

Pass the input as xml format mentioned below.

```
<NMFIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>HJR$W34F3</password>
    <broker_code>ARN-44332</broker_code>
    <iin>5011006336</iin>
    <acc_no>1234567890</acc_no>
    <acc_type>SB</acc_type>
    <ifsc_code>HDFC0125484</ifsc_code>
    <bank_name>HDF</bank_name>
    <branch_name>chennai</branch_name>
    <micr_no></micr_no>
```

```

<uc>Y</uc>
<ach_fromdate>22-Feb-2016</ach_fromdate>
<ach_todate>22-Feb-2017</ach_todate>
<ach_amount>5000</ach_amount>
<Bank_holder_name>Krishna</Bank_holder_name>
<Bank_holder_name1></Bank_holder_name1>
<Bank_holder_name2></Bank_holder_name2>
<process_mode>E</process_mode>
<channel_type>AA</ channel_type >
<return_flag>Y</return_flag>
<Existing_Bank>Y</ Existing_Bank>
<poa_bank_flag>N</ poa_bank_flag>
<client_callback_url> Provide your Webpage / API URL </client_callback_url>
</service_request>
</NMFIIService>

```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	test
Password	Password	Varchar2(15)	Y	test\$123
broker_code	Broker Code	Varchar2(15)	Y	Arn-70209
lin	IIN	Varchar2(10)	Y	5011000029
acc_no	Account Number	varchar2(40)	Y	Only IIN registered Bank Account Number need to provide. Value: 123456
acc_type	Account type	varchar2(5)	Y	Only IIN registered Bank Account Type need to provide. Value: SB
ifsc_code	IFSC Code	varchar2(20)	Y	Only IIN registered Bank IFSC Code need to provide. Value: HDFC0125484
bank_name	Bank Name	varchar2(40)	Y	Only IIN registered Bank Name need to provide. Value: HDF
branch_name	Branch Name	varchar2(40)	Y	Only IIN registered Bank Branch need to provide. Value: Chennai
micr_no	MICR Number	varchar2(20)	N	Only IIN registered Bank MICR No need to provide Value:123456789
Uc	Until Cancelled	CHAR(1)	Y	N. if until_cancelled ="Y" default date will be "31-Dec-2999"

ach_fromdate	ACH From Date	date	Y	22-Feb-16
ach_todate	ACH To Date	date	Y	22-Feb-17
ach_amount	ACH Amount	NUMBER (25,8)	Y	5000
Bank_holder_name	Bank holder name	Varchar2(70)	Y	
Bank_holder_name1	Bank holder name1	Varchar2(70)	N	
Bank holder name2	Bank holder name2	Varchar2(70)	N	
Process_mode	Process Mode	Char (1)	N	Value should be 'P' or 'E' P = Physical E = eMandate
Return_flag	Return Flag	Char (1)	N	Applicable only for process_mode = 'E' (i.e, eMandate) Value should be 'Y' or 'N' 'N' means we will send the eMandate link through email communication. 'Y' means we will provide the eMandate link in response xml.
Existing_Bank	Existing Bank	Char (1)	N	Value should be always 'Y' If this tag is blank than we will take default value as 'Y'. Provide Only IIN Registered Banks in BANK related tags such as bank Name, Acc No, Acc Type, IFSC Code, MICR, Branch. Only ACH Form need to upload.
Channel_type	eMandate Channel Type	Varchar2(20)	N	Value should be 'AA' or 'NET' or 'DC' AA – Addhar NET – Netbanking DC – Debit card
Client_callback_url	Client Call Back Url	Varchar2(1000)	N	Provide your Webpage / API URL. After mandate registration, page will be redirect to client call back url with Customer ID, Unique Ref No Feed, Status and Error Message in the URL: Status will be SUCCESS or FAILURE. For FAILURE case, Error Message will be passed

				<p>in the ErrorMsg Parameter and for SUCCESS ErrorMsg Parameter value will be blank.</p> <p>Example Url given below https://YourURL? CustId=5011000029&UniqueRefNoFeed=541&Status=SUCCESS&ErrorMsg=</p>
Poa_bank_flag	POA Bank Flag	Char(1)	N	<p>Value should be 'Y' or 'N'</p> <p>Note: if this tag given blank then we will consider by default value as 'N'</p> <p>Only IIN registered banks are allowed for Mandate registration.</p> <p>If investor wants to register the mandate for POA Registered IIN bank details then they have to pass 'Y' in the request</p> <p>If Investor wants to register the mandate for IIN registered bank details then they have to pass 'N' in the request.</p>

The invoke requested service and return the following output.

For Success Case:

```

<NMFIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>

  <service_response>
    <return_msg>
      <unique_no>12345</unique_no>
      <status_desc>ACH Registration Inserted Successfully. </status_desc>
    </return_msg>
  </service_response>
</NMFIService>

```

For Failure Case:

```

<NMFIService>
  <service_status>
    <service_return_code>1</service_return_code>

```

```

    <service_msg>Failure</service_msg>
  </service_status>
</service_response>
  <return_msg>
    <unique_no>-----</unique_no>
    <status_desc>Failed To ACH Registration Inserted.</status_desc>
  </return_msg>
</service_response>
</NMFIIService>

```

For Success Case(return_flag= "Y"):

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</service_response>
  <return_msg>
    <unique_no>12345</unique_no>
    <status_desc>ACH Registration Inserted Successfully.</status_desc>
</return_msg>
<eMandatelink>https://uat.nsenmf.com/Admin/MFDACHeMandateConfirm\_Digio?pYklP1NPEHXalliegc48rfBkrbGMxtgs3A0L0UrtN8mCiEbbp3Qg8dKJkOUMVt24s%2bGUcLGtqadxrj11alHY6XNm5nbkU0uZFf%2buqbhRWVd1MoJZHYxPzkZPP8MkhGzZayWoMof38k9nmk8ObjPMAIJLDDC6AQhyWWwEjw5GfIV3SozXtSd7%2b1BzJpilPGD</eMandatelink>
  </return_msg>
</service_response>
</NMFIIService>

```

Note:

After mandate registration, page will be redirect to client call back url with Customer ID, Unique Ref No Feed, Status and Error Message in the URL.:

Status will be SUCCESS or FAILURE. For FAILURE case, Error Message will be passed in the ErrorMessage Parameter and for SUCCESS **ErrorMsg** Parameter value will be blank.

Example:

<https://YourURL?CustID=5011000029&UniqueRefNoFeed=541&Status=SUCCESS&ErrorMsg=>

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response :

Success:

XML Tag	Remarks
return_msg	ACH Registration Inserted Successfully.

Failure:

XML Tag	Remarks
return_msg	Failed To ACH Registration Inserted

1.5.14 Method to get ACH Mandate Report

Method Name: **“ACHMANDATEREPORT”**

This service will allow to generate the ACH Mandate Report.

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>HJR$W34F3</password>
    <broker_code>ARN-44332</broker_code>
    <ach_fromdate>22-Feb-2016</ach_fromdate>
    <ach_todate>22-Feb-2017</ach_todate>
    <cust_id></cust_id>
    <status></status>
  /service_request>
</NMFIIService>

```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KGNANA
Password	Password	Varchar2(15)	Y	HJR\$W34F3
broker_code	Broker Code	Varchar2(15)	Y	Arn-44332
ach_fromdate	ACH From Date	date	Y/N	Mandatory if Customer ID not given.
ach_todate	ACH To Date	date	Y/N	Mandatory if Customer ID not given.
cust_id	Customer ID	Varchar2(10)	Y/N	Mandatory if ACH From Date and To Date not given.
Status	Status	Char(1)	N	Value should be “A” or “R” or “FNR” or “BCP”. A - Accepted

				R - Rejected FNR - Form Not Received BCP - Bank Confirmation Pending
--	--	--	--	--

The invoke requested service and return the following output.

For Success Case:

```
<NMFIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>

  <service_response>
    <return_msg>
      <customer_id>5011006336</customer_id>
      <investor_name>revati</investor_name>
      <mandate_id></mandate_id>
      <mandate_date>13-jan-0019</mandate_date>
      <bank_name>HDFC bank ltd</bank_name>
      <branch>chennai</branch>
      <ifsc_code>sdff0565466</ifsc_code>
      <micr_no>564564564</micr_no>
      <account_no>53453453444</account_no>
      <ac_type>overdratft account</ac_type>
      <umrn_no>umrn100200</umrn_no>
      <unique_ref_no>2370</unique_ref_no>
      <application_recd></application_recd>
      <from_date>27-dec-2015</from_date>
      <to_date>27-dec-2016</to_date>
      <debit_amount_type>maximum</debit_amount_type>
      <frequency></frequency>
      <amount>45000</amount>
      <rejection_remarks></rejection_remarks>
      <ach_mandate_rejection_reason></ach_mandate_rejection_reason>
      <ach_mandate_status>accepted</ach_mandate_status>
      <Bank_holder_name>Krishna</Bank_holder_name>
      <Bank_holder_name1></Bank_holder_name1>
      <Bank_holder_name2></Bank_holder_name2>
      <Bank_code>HDF</Bank_code>
      <process_mode>Physical</process_mode>
      <emandate_authorized>No</emandate_authorized>
      <emandate_authorized_date>HDF</emandate_authorized_date>
      <Expired_date_time>01-Nov-2020 11:59:59 PM</Expired_date_time>

      <MANDATE_CANCELLED_BY></MANDATE_CANCELLED_BY>
      <MANDATE_CANCELLED_REQ_DATE>01-Nov-2020 11:59:59
PM</MANDATE_CANCELLED_REQ_DATE>
      <CANCELLED_AUTH_DATE_TIME></CANCELLED_AUTH_DATE_TIME>
      <SERVICE_PROVIDER_CODE>BD</SERVICE_PROVIDER_CODE>
      <MANDATE_CANCELLED_SEQ_NO>1210</MANDATE_CANCELLED_SEQ_NO>
      <CANCELLED_REQUEST_INITIATED_BY></CANCELLED_REQUEST_INITIATED_BY>
      <CONFIRM_FEED_GENERATED_DATE></CONFIRM_FEED_GENERATED_DATE>
      <SERVICE_PROVIDER_STATUS></SERVICE_PROVIDER_STATUS>
      <MANDATE_CANCELLED_REQ_STATUS>Pending</MANDATE_CANCELLED_REQ_STA
TUS>
    </return_msg>
```

```

    </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found.
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Field Description	data type	Remarks
CUSTOMER_ID	customer id	varchar2(10)	5011006336
INVESTOR_NAME	investor name	varchar2(150)	revati
MANDATE_ID	mandate id	varchar2(30)	
MANDATE_DATE	mandate date	Date	13-jan-0019
BANK_NAME	bank name	varchar2(40)	h s b s bank ltd
BRANCH	branch	varchar2(40)	chennai
IFSC_Code	ifsc code	varchar2(20)	sdff0565466
MICR_NO	micr no	varchar2(20)	564564564
ACCOUNT_NO	account no	varchar2(40)	53453453453
AC_TYPE	acc type	varchar2(5)	overdraft account
UMRN_NO	umrn no	varchar2(20)	umrn10099
UNIQUE_REF_NO	unique ref no	varchar2(25)	2369
APPLICATION_RECDD	application recd	char(1)	
FROM_DATE	from date	Date	27-dec-2015
TO_DATE	to date	Date	13-jan-2019
DEBIT_AMOUNT_TYPE	debit amount type	char(1)	maximum

FREQUENCY	frequency	varchar2(40)	as and when presented
AMOUNT	amount	number(25,8)	45000
REJECTION_REMARKS	rejection remarks	varchar2(200)	
ACH_MANDATE_REJECTION_REASON	ach mandate rejection reason	varchar2(200)	
ACH_MANDATE_STATUS	ach mandate status	varchar2(20)	accepted
Bank_Holder_Name	Bank Holder Name	varchar2(70)	KRISHNA
Bank_Holder_Name1	Bank Holder Name 1	varchar2(70)	
Bank_Holder_Name2	Bank Holder Name 2	varchar2(70)	
EXPIRED_DATE_TIME	EXPIRED_DATE_TIME	Date	We will provide the link expiry date & time
MANDATE_CANCELLED_BY	Mandate Cancelled By	Varchar2(20)	
MANDATE_CANCELLED_REQ_DATE	Mandate Cancelled Request Date	Date	07-May-2021 05:58:40 PM
CANCELLED_AUTH_DATE_TIME	Cancelled Authorization Date Time	Date	
SERVICE_PROVIDER_CODE	Service Provider Code	Varchar2(20)	BD
MANDATE_CANCELLED_SEQ_NO	Mandate Cancelled Seq No	Varchar2(20)	1210
CANCELLED_REQUEST_INITIATED_BY	Cancelled Request Initiated By	Varchar2(20)	
CONFIRM_FEED_GENERATED_DATE	Confirm Feed Generate Date	Date	
SERVICE_PROVIDER_STATUS	Service Provider Status	Varchar2(20)	
MANDATE_CANCELLED_REQ_STATUS	Mandate Cancelled Request Status	Varchar2(20)	Pending

Failure:

XML Tag	Remarks
return_msg	No Records Found.

1.5.15 Method to get SYSTEMATIC CEASE REPORT

Method Name: **“SYSCEASEREPORT”**

This service will allow to generate the Systematic Cease Report.

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KRISHNA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <fromdate>14-Dec-2015</fromdate>
    <todate>29-Dec-2015</todate>
    <cust_id></cust_id>
  </service_request>
</NMFIIService>

```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KRISHNA
password	Password	Varchar2(15)	Y	TEST\$258
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
fromdate	From Date	date	Y	Provide cease cancellation request from date
todate	To Date	date	Y	Provide cease cancellation request to date
cust_id	Customer ID	Varchar2(10)	N	5011000029

The invoke requested service and return the following output.

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>

  <service_response>
    <return_msg>
      <customer_id>5011000029</customer_id>
      <investor_name>Rabic Raja</investor_name>
      <foliono>1016764823</foliono>
      <auto_trxn_no>656</auto_trxn_no>
      <application_no>9874</application_no>
      <autotrxn_type>SIP</autotrxn_type>
      <scheme>IDBI INDIA TOP 100 EQUITY REGULAR</scheme>
      <frequency>Once a Month</frequency>
      <instdate>15</instdate>
      <amount>5000</amount>
      <paymentmode>Debit Mandate</paymentmode>
      <debitac>54854458485</debitac>
    </return_msg>
  </service_response>
</NMFIIService>

```

```

        <debitbank>HDFC Bank Ltd</debitbank>
        <ceasedate>29-Jan-2016</ceasedate>
        <remarks>sdfdfsdgf</remarks>
        <ceaseinitiatedby>Broker</ceaseinitiatedby>
        <sip_reg_no>123456</sip_reg_no>
        <sys_cease_auth_date>31-Dec-2019</sys_cease_auth_date>
    </return_msg>
</service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
</service_response>
  <return_msg>
    No Records Found.
  </return_msg>
</service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response :

Success:

XML Tag	Field Description	data type	Remarks
Folio_no	Folio	Varchar2(20)	1016764823
auto_trxn_no	Auto transaction number	Number(10)	656
Application_No	Application No	Number(10)	9874
Customer_id	Customer id	Number(10)	5011000029
Scheme	scheme	Varchar2(200)	IDBI INDIA TOP 100 EQUITY REGULAR
Investor_name	Investor Name	Varchar2(100)	Rabic Raja
Frequency	Frequency	Varchar2(20)	Once a Month
instrm_date	Instrument date	Date	15
Amount	Amount	Number(25,8)	5000
instrm_no	Debit account number	Varchar2(40)	5021515151521
instrm_bank	Bank name	Varchar2(200)	HDFC Bank Ltd

payment_mechanism	Payment mechanism	Varchar2(7)	Debit Mandate
Remarks	Remarks	varchar2(200)	SIP Trxn
Cease_initiated_by	Cease initiated by	Varchar2(40)	Broker / Investor
Auto_trxn_type	Auto transaction type	Varchar2(20)	SIP
Cease_date	Cease date	Date	31-Dec-2015
SIP_REG_NO	SIP Registration No	Varchar2(20)	123456
Sys_Cease_Auth_Date	Sys Cease Auth Date	Date	31-Dec-2019

Failure:

XML Tag	Remarks
return_msg	No Records Found.

1.5.16 Method to get Systematic Registration Report

Method Name : “**SYSREGISTRATIONSREPORT**”

This service will allow to generate the Systematic Registration Report.

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KRISHNA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <fromdate>14-Dec-2015</fromdate>
    <todate>29-Dec-2015</todate>
    <report_type>STP</report_type>
    <ceased_trxn>Y</ceased_trxn>
    <cust_id></cust_id>
    <unique_no></unique_no>
    <systematic_maturity>N</systematic_maturity>

  </service_request>
</NMFIIService>

```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KRISHNA
password	Password	Varchar2(15)	Y	TEST\$258
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209

Fromdate	From Date	date	Y	Transaction Entry Date
Todate	To Date	date	Y	Transaction Entry Date
report_type	Type of report	Varchar2(15)	Y	SIP or SWP or STP
ceased_trxn	Ceased txn	Varchar2(15)	Y	Y or N (if need ceased txn included)
cust_id	Customer ID	Varchar2(10)	N	5011000029
Unique_no	Unique No.	Varchar2(10)	N	6902
Systematic_maturity	Systematic Maturity	Char(1)	N	Y or N (fund reached maturity date of a TRXN)

The invoke requested service and return the following output.

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>

  <service_response>
    <return_msg>
      <foliono>4231720</foliono>
      <auto_trxn_no>6924</auto_trxn_no>
      <auto_trxn_no>9874</auto_trxn_no>
      <instrm_ac_type>SB</instrm_ac_type>
      <amc_code>H</amc_code>
      <product_code>58</product_code>
      <today>08122017</today>
      <fromscheme>IDBI INDIA TOP 100 EQUITY REGULAR</fromscheme>
      <toscheme>HDFC Cash Management Fund - Savings Plan - Growth </toscheme>
      <targetproduct>53N</targetproduct>
      <frequency>Once a Month</frequency>
      <instdate>01</instdate>
      <amount>5000</amount>
      <unit>0</unit>
      <achamount>500000</achamount>
      <payment_mechanism>Debit Mandate</payment_mechanism>
      <until_cancelled>N</until_cancelled>
      <ifsc_code>PUNB0100300</ifsc_code>
      <mobile_no>+919789138225</mobile_no>
      <email>test@gmail.com</email>
      <debit_amount_type>M</debit_amount_type>
      <debitac>100300101067102</debitac>
      <noofinstall>13</noofinstall>
      <debitbank>Punjab National Bank - Retail Banking</debitbank>
      <customer_id>5011000029</customer_id>
      <investor_name>Rabic Raja</investor_name>
      <iin_activation_flag>Y</iin_activation_flag>
    </return_msg>
  </service_response>
</NMFIIService>

```

```

<unique_ref_no>624320</unique_ref_no>
<auto_trxn_type>STP</auto_trxn_type>
<arn_emp_code>E129647</arn_emp_code>
<fh_pan_no>XXXXX0001X</fh_pan_no>
<hold_nature_desc>JOINT</hold_nature_desc>
<branch>AHMEDABAD, SHASTRY PARK</branch>
<broker_code>ARN-70209</broker_code>
<long_name>HDFC Mutual Fund</long_name>
<application_no>60494</application_no>
<fromdate>29-Jan-2016</fromdate>
<todate>29-Jan-2017</todate>
<ach_from_date>29-Feb-2016</ach_from_date>
<ach_end_date>28-Feb-2029</ach_end_date>
<date_of_birth>29-Aug-1984</date_of_birth>
<Trxn_Status>OTP Authorised</Trxn_Status>
<sys_trxn_auth_date>08-Dec-2017 02:44:37 PM</sys_trxn_auth_date>
<sip_reg_no>123456</sip_reg_no>
<entry_date>26-May-2021 11:48:27 AM</entry_date>
</return_msg>
</service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found.
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response :

Success:

XML Tag	Field Description	data type	Remarks
Folio_no	Folio	Varchar2(20)	1016764823
auto_trxn_no	Auto transaction number	Number(10)	656
Application_No	Application No	Number(10)	9874
INSTRM_AC_TYPE	Instrument Account Type	Varchar2(10)	SB
AMC_Code	AMC Code	Varchar2(10)	B
Product_Code	Product Code	Varchar2(20)	132WD
Today	Date Of The Transactions	Date	08-Dec-2017
From_Scheme	From scheme	Varchar2(200)	IDBI INDIA TOP 100 EQUITY REGULAR
To_scheme	To scheme	Varchar2(200)	Only applicable for STP
Frequency	Frequency	Varchar2(20)	Once a Month
INSTDate	Instrument Date	Number(2)	01
Amount	Amount	Number(25,8)	5000
Unit	Unit	Decimal(3,10)	0.00001
AchAmount	ACH Amount	Number(100,2)	500000
NoOfInstall	Number of installment	Number(10)	13
Payment_Mechanism	Payment Mechanism	Varchar2(50)	Debit Mandate
Until_Cancelled	Untill Cancelled	Varchar2(1)	N
IFSC_Code	IFSCCode	Varchar2(11)	IFSC0123141
Mobile_No	Mobile Number	Varchar2(20)	+919789138225
Email	Email	Varchar2(100)	test@gmail.com
Debit_Amount_Type	Debit Amount Type	Varchar2(1)	M
Cheq_MICR_No	Cheque MICR Number	Number (20)	123141414
UMRN	UMRN	Varchar2(12)	URMN00098989
DebitAC	Debit Account	Number (20)	5010546446666
NoOfInstall	Number of Installment	Number (5)	13
DebitBank	Debit Bank	Varchar2(50)	Ahmedabad District Coop Bank Ltd
Customer_id	Customer id	Number (10)	5011000029
Investor_name	Investor Name	Varchar2(100)	Rabic Raja
IIN_Activation_Flag	IIN Activation Flag	Varchar2(1)	Y
Unique_Ref_No	Unique Reference Number	Number (10)	623355
Remarks	Remarks	Varchar2(50)	Test
CeaseInitiatedBy	Cease Initiated By	Varchar2(10)	Broker
Auto_Trxn_Type	Auto Trxn Type	Varchar2(3)	SIP
FH_PAN_No	First Holder Pan	Varchar2(10)	XXXXXX0000X
Hold_Nature_Desc	Holding Nature Description	Varchar2(30)	Joint

Branch	Branch	Varchar2(50)	Anna Salai
Broker_Code	Broker Code	Varchar2(10)	ARN-70209
Long_Name	Long Name	Varchar2(100)	Birla Sun Life Mutual Fund
Application_No	Application Number	Number (10)	59874
From date	From date	Date	SIP/STP/SWP From Date
To date	To date	Date	SIP/STP/SWP To Date
Ach_From_Date	ACH From Date	Date	13-Jul-2017
Ach_End_Date	ACH End Date	Date	23-Jun-2020
Cease_date	Cease date	Date	31-Dec-2015
Date_of_birth	Date of Birth	Date	29-Aug-1984
Trxn_Status	Systematic Transaction Status	Varchar2(20)	Pending for Authorisation / OTP Authorised
Cease_Status	Systematic Transaction Cease Status	Varchar2(20)	Pending for Authorisation / Trxn Ceased
Sys_Trxn_Auth_Date	Systematic Trxn Auth Date	Date	09-Nov-2017 05:55:03 PM
Sys_Cease_Auth_Date	Systematic Cease Auth Date	Date	29-Nov-2017 05:11:20 PM
SIP_Reg_No	SIP Registration No	Varchar2(20)	123456
Entry_date	Entry Date	Date	26-May-2021 11:48:27 AM

Failure:

XML Tag	Remarks
return_msg	No Records Found.

1.5.17 Method to get IIN

Method Name : **“GETIIN”**

This service will allow to get the IIN.

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KRISHNA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <tax_status>01</tax_status>
    <hold_nature>SI</hold_nature>
    <exempt_flag>N</exempt_flag>
  </service_request>
</NMFIIService>

```

```

<fh_pan>ABAPL9854C</fh_pan>
<jh1_exempt_flag>N</jh1_exempt_flag>
<jh1_pan></jh1_pan>
<jh2_exempt_flag>N</jh2_exempt_flag>
<jh2_pan></jh2_pan>
<guardian_pan></guardian_pan>
<investor_name></investor_name>
/service_request>
</NMFIIService>

```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KRISHNA
password	Password	Varchar2(15)	Y	TEST\$258
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
tax_status	Tax Status Code	Varchar2(2)	Y	Refer Tax Status master
hold_nature	Holding Nature	Varchar2(2)	Y	Refer Holding nature master
exempt_flag	Exemption Flag	Char(1)	N	Y or N
fh_pan	First holder pan	Varchar2(10)	Y	If Exempt_Flag 'N' provide PAN (ABAPL9854C) in FH_PAN. If Exempt_Flag 'Y' then Provide PAN Exempt Reference No in FH_PAN.
jh1_exempt_flag	Joint holder1 exemption flag	Char(1)	N	Y or N
jh1_pan	Joint holder1 pan	Varchar2(10)	N	If JH1_Exempt_Flag 'N' provide PAN (ABAPL9854C) in JH1_PAN. If JH1_Exempt_Flag 'Y' then Provide PAN Exempt Reference No in JH1_PAN.
jh2_exempt_flag	Joint holder2 exemption flag	Char(1)	N	Y or N
jh2_pan	Joint holder2 pan	Varchar2(10)	N	If JH2_Exempt_Flag 'N' provide PAN (ABAPL9854C) in JH2_PAN. If JH2_Exempt_Flag 'Y' then Provide PAN Exempt Reference No in JH2_PAN.
guardian_pan	Guardian pan	Varchar2(10)	N	For Minor Investor, Guardian PAN is Mandatory
investor_name	Investor Name	Varchar2(100)	N	For Minor Investor, Investor name is Mandatory

The invoke requested service and return the following output.

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>

  <service_response>
    <return_msg>
      <customer_id>5011000084</customer_id>
    </return_msg>
  </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found.
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response :

Success:

XML Tag	Field Description	data type	Remarks
customer_id	Customer ID	Varchar2(10)	5011000084

Failure:

XML Tag	Remarks
return_msg	No Records Found.

1.5.18 Method to Register Additional Bank Mandate

Method Name: **"BANKMANDATEREGISTRATION"**

This service will allow registering the Additional Bank Mandate.

Pass the input as xml format mentioned below.

```
<NMFIIService>
<service_request>
  <broker_code>ARN-70209</broker_code>
  <appln_id>TEST706</appln_id>
  <password>TEST$36@</password>
  <process_flag>I</process_flag>
  <iin>5011006745</iin>
  <acc_no>125488748478</acc_no>
  <acc_type>SB</acc_type>
  <ifsc_code>HDFC0484844</ifsc_code>
  <micr_no>123456789</micr_no>
  <bank_name>HDF</bank_name>
  <branch_name>Chennai</branch_name>
  <branch_address1>aad1</branch_address1>
  <branch_address2>aad2</branch_address2>
  <branch_address3>aad3</branch_address3>
  <branch_city>Chennai</branch_city>
  <branch_country>IND</branch_country>
  <branch_pincode>600002</branch_pincode>
  <proof_of_account>original cancelled cheque</proof_of_account>
</service_request>
</NMFIIService>
```

Input Code Data:

Proof of Account:

Code	Description
Original cancelled cheque	Cancelled cheque
Attested copy of bank passbook frontpage	Bank passbook
Attested copy of bank statement	Bank statement
Attested copy of bankletter	Letter from Bank confirming the account
IMPS	IMPS Document

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	TEST706
password	Password	Varchar2(15)	Y	TEST\$258
process_flag	Process Flag	Char(1)	Y	I – Insert Mode

				Provide the mandatory fields to register additional bank mandate. E – Edit Mode We can edit all fields except Bank Name. D – Delete Mode Provide IIN and Bank Name to delete the bank mandate.
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
iin	IIN	Varchar2(10)	Y	5011000029
acc_no	Account Number	varchar2(40)	Y	1234567890
acc_type	Account type	varchar2(5)	Y	SB
ifsc_code	IFSC Code	varchar2(20)	Y	HDFC0125484
micr_no	MICR No	Varchar2(9)	N	
bank_name	Bank Name	varchar2(40)	Y	HDF (Provide Bank Code)
branch_name	Branch Name	varchar2(40)	Y	Chennai
branch_address1	Branch Address1	varchar2(120)	N	
branch_address2	Branch Address2	varchar2(120)	N	
branch_address3	Branch Address3	varchar2(120)	N	
branch_city	Branch City	Varchar2(20)	N	
branch_country	Branch Country	Varchar2(20)	N	
branch_pincode	Branch Pincode	Varchar2(6)	N	
proof_of_account	Proof of Account	Varchar2(20)	Y	Refer Input Data Code: Proof of Account

Invoke requested service and return the following output.

For Success Case:

```

<NMFIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      HDF Bank successfully mapped with Customer ID.
    </return_msg>
  </service_response>
</NMFIService>

```


For Failure Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Bank Mandate Registration has been failed.
    </return_msg>
  </service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
return_msg	HDF Bank successfully mapped with Customer ID.

Failure:

XML Tag	Remarks
return_msg	Bank Mandate Registration has been failed

1.5.19 Method to get Additional Bank Mandate Report

Method Name: “**ADDLBANKMANDATEREPORT**”

This service will allow to generate the Bank Mandate Report.

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <cust_id>5011000029</cust_id>
  </service_request>
</NMFIIService>

```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KGNANA
Password	Password	Varchar2(15)	Y	TEST\$258
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
cust_id	Customer ID	Varchar2(10)	Y	5011000029

The invoke requested service and return the following output.

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>

  <service_response>
    <customer_id>5011000029</customer_id>
    <broker_code>ARN-70209</broker_code>
    <bank_name>HDFC Bank Ltd</bank_name>
    <bank_code>HDF</bank_code>
    <ac_no>174010100000903</ac_no>
    <ac_type>Savings Account</ac_type>
    <ifsc_code>HDFC0000000</ifsc_code>
    <branch_name>Chennai</branch_name>
    <branch_address1>Jalgaon</branch_address1>
    <branch_pincode>600028</branch_pincode>
    <branch_city>Chennai</branch_city>
    <branch_country>India</branch_country>
    <default_bank>Y</default_bank>
    <status>Activated</status>
    <mode_of_activation>Normal/IMPS</ mode_of_activation >
    <imps_status>Success</imps_status>
    <match_status>NAME MATCHED</match_status>
    <rejected_reason></rejected_reason>
  </service_response>
</NMFIIService>

```

For Failure Case:

```
<NMFIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found.
    </return_msg>
  </service_response>
</NMFIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response :

Success:

XML Tag	Field Description	data type	Remarks
CUSTOMER_ID	customer id	varchar2(10)	5011000149
BROKER_CODE	Broker code	Varchar2(15)	ARN-70209
BANK_NAME	Bank name	varchar2(40)	STATE BANK OF INDIA
BANK_CODE	Bank code	Varchar2(10)	SBI
AC_NO	Account number	Varchar2(40)	30527671988
AC_TYPE	Account Type	varchar2(5)	Savings Account
IFSC_CODE	ifsc_code	Varchar2(50)	HDFC0000000
MICR_CODE	micr_code	Varchar2(50)	
BRANCH_NAME	branch_name	varchar2(20)	Mumbai
BRANCH_ADDRESS1	branch_address1	varchar2(50)	Jalgaon
BRANCH_ADDRESS2	branch_address2	varchar2(50)	
BRANCH_ADDRESS3	branch_address3	varchar2(50)	
BRANCH_PINCODE	branch_pincode	Varchar2(10)	600028
BRANCH_CITY	branch_city	Varchar2(50)	Chennai
BRANCH_COUNTRY	branch_country	varchar2(25)	IND
STATUS	Status	varchar2(10)	Y or N (Activated / Not Activated)
MODE_OF_ACTIVATION	Mode_of_activation	varchar2(50)	Normal or IMPS
IMPS_STATUS	IMPS Status	varchar2(5)	Pending / Success / Failure

MATCH_STATUS	Match Status	varchar2(100)	NAME MATHCED / NAME NOT MATCHED
REJECTED_REASON	Rejected Reason	Varchar2(500)	Test

Failure:

XML Tag	Remarks
return_msg	No Records Found.

1.5.20 Method to change customer data

Method Name: “**CHANGECUSTOMERDATA**”

This service will allow to edit the IIN Details until it is activated.

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>HJR$W34F3</password>
    <broker_code>ARN-44332</broker_code>
    <title>Mr.</title>
    <inv_name>anil jadhav</inv_name>
    <iin>5011208716</iin>
    <dob>02-jan-1989</dob>
    <occupation>1A</occupation>
    <mfu_can></mfu_can>
    <dp_id></dp_id>
    <father_name></father_name>
    <mother_name></mother_name>
    <addr1>xxx</addr1>
    <addr2></addr2>
    <addr3></addr3>
    <fh_ckyc>Y</fh_ckyc>
    <fh_ckyc_refno>12345678932</fh_ckyc_refno>
    <city>Ahmedabad</city>
    <state>GU</state>
    <pincode>384250</pincode>
    <country>IND</country>
    <mobile_no>8975641235</mobile_no>
    <res_phone></res_phone>
    <off_phone></off_phone>
    <res_fax></res_fax>
    <off_fax></off_fax>
    <email>test@gmail.com</email>
    <nri_addr1></nri_addr1>
```

<nri_addr2></nri_addr2>
<nri_addr3></nri_addr3>
<nri_city></nri_city>
<nri_state></nri_state>
<nri_pincode></nri_pincode>
<nri_country></nri_country>
<acc_no>**037010100256352**</acc_no>
<acc_type>**SB**</acc_type>
<ifsc_code>**ICIC0001878**</ifsc_code>
<bank_name>**HDF**</bank_name>
<branch_name></branch_name>
<branch_addr1>**yamunanagar,pune**</branch_addr1>
<branch_addr2></branch_addr2>
<branch_addr3></branch_addr3>
<branch_city>**yamunanagar**</branch_city>
<branch_pincode>**411045**</branch_pincode>
<branch_country>**IND**</branch_country>
<jh1_name></jh1_name>
<jh1_dob></jh1_dob>
<jh1_email></jh1_email>
<jh1_mobile_no></jh1_mobile_no>
<jh1_ckyc></jh1_ckyc>
<jh1_ckyc_refno></jh1_ckyc_refno>
<jh2_name></jh2_name>
<jh2_dob></jh2_dob>
<jh2_email></jh2_email>
<jh2_mobile_no></jh2_mobile_no>
<jh2_ckyc></jh2_ckyc>
<jh2_ckyc_refno></jh2_ckyc_refno>
<no_of_nominee>**0**</no_of_nominee>
<nominee1_type></nominee1_type>
<nominee1_name></nominee1_name>
<nominee1_dob></nominee1_dob>
<nominee1_addr1></nominee1_addr1>
<nominee1_addr2></nominee1_addr2>
<nominee1_addr3></nominee1_addr3>
<nominee1_city></nominee1_city>
<nominee1_state></nominee1_state>
<nominee1_pincode></nominee1_pincode>
<nominee1_relation></nominee1_relation>
<nominee1_percent></nominee1_percent>
<nominee1_guard_name></nominee1_guard_name>
<nominee1_guard_pan></nominee1_guard_pan>
<nominee2_type></nominee2_type>
<nominee2_name></nominee2_name>
<nominee2_dob></nominee2_dob>
<nominee2_relation></nominee2_relation>
<nominee2_percent></nominee2_percent>
<nominee2_guard_name></nominee2_guard_name>
<nominee2_guard_pan></nominee2_guard_pan>
<nominee3_type></nominee3_type>
<nominee3_Name></nominee3_Name>

```

<nominee3_dob></nominee3_dob>
<nominee3_relation></nominee3_relation>
<nominee3_percent></nominee3_percent>
<nominee3_guard_name></nominee3_guard_name>
<nominee3_guard_pan></nominee3_guard_pan>
<guard_ckyc></guard_ckyc>
<guard_ckyc_refno></guard_ckyc_refno>
<micr_no>123456789</micr_no>
<guardian_relation></guardian_relation>
<mobile_relation></mobile_relation>
<email_relation></email_relation>
</service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	
password	Password	Varchar2(15)	Y	
broker_code	Broker Code	Varchar2(15)	Y	
title	Title	Varchar2(6)	N	Mr. or Mrs. or Ms. or M/S.
inv_name	Investor Name	Varchar2(70)	Y	
iin	Customer ID	Varchar2(10)	Y	5011000029
dob	DOB/DOI	Date(dd-Mon-yyyy)	Y	Date of Birth / Date of Incorporation
occupation	Occupation Code	Varchar2(2)	N	Refer occupation master
mfu_can	MFU CAN	Varchar2(20)	N	CAN generated in MF Utility application
dp_id	DP ID	Varchar2(20)	N	
father_name	Father Name	Varchar2(40)	N	
mother_name	Mother Name	Varchar2(40)	N	
addr1	Address1	Varchar2(120)	Y	
addr2	Address2	Varchar2(120)	N	
addr3	Address3	Varchar2(120)	N	
city	City	Varchar2(35)	Y	Refer pincode city master
state	State code	Varchar2(35)	Y	Refer state master
pincode	Pincode	Varchar2(15)	Y	Refer pincode city master
country	Country	Varchar2(35)	Y	Refer Country master
mobile_no	Mobile No	Varchar2(13)	Y	
res_phone	Residence Phone	Varchar2(35)	N	
off_phone	Office Phone	Varchar2(35)	N	
res_fax	Residence Fax	Varchar2(35)	N	

off_fax	Office Fax	Varchar2(35)	N	
email	Email	Varchar2(128)	Y	
nri_addr1	NRI Address1	Varchar2(120)	N	
nri_addr2	NRI Address2	Varchar2(120)	N	
nri_addr3	NRI Address3	Varchar2(120)	N	
nri_city	NRI City	Varchar2(40)	N	
nri_state	NRI State	Varchar2(4)	N	
nri_pincode	NRI Pincode	Varchar2(15)	N	
nri_country	NRI Country	Varchar2(35)	N	
acc_no	Account No	Varchar2(40)	Y	
acc_type	Account type	Varchar2(5)	Y	Refer account type master
ifsc_code	IFSC Code	Varchar2(20)	Y	
branch_name	Branch Name	Varchar2(40)	Y	
branch_addr1	Branch Address1	Varchar2(120)	Y	
branch_addr2	Branch Address2	Varchar2(120)	N	
branch_addr3	Branch Address3	Varchar2(120)	N	
branch_city	Branch City	Varchar2(35)	N	Refer pincodecity master
branch_pincode	Branch Pincode	Varchar2(15)	N	Refer pincodecity master
branch_country	Branch Country	Varchar2(35)	N	Refer Country master
jh1_name	JH1 Name	Varchar2(75)	N	
jh1_dob	JH1 DOB	Date(dd-Mon-yyyy)	N	
jh1_email	Jh1 email	Varchar2(20)	N	mandatory for hold_nature is "JO (JOINT)" or "AS (ANYONE / SURVIVOR)" or "ES (EITHER/SURVIVOR)"
jh1_mobile_no	Jh1 mobile no	Varchar2(13)	N	mandatory for hold_nature is "JO (JOINT)" or "AS (ANYONE / SURVIVOR)" or "ES (EITHER/SURVIVOR)"
jh2_name	JH2 Name	Varchar2(75)	N	
jh2_dob	JH2 DOB	Date(dd-Mon-yyyy)	N	
jh2_email	Jh2 email	Varchar2(20)	N	mandatory for hold_nature is "JO (JOINT)" or "AS (ANYONE / SURVIVOR)" or "ES (EITHER/SURVIVOR)"
jh2_mobile_no	Jh2 mobile no	Varchar2(13)	N	mandatory for hold_nature is "JO (JOINT)" or "AS (ANYONE / SURVIVOR)" or "ES (EITHER/SURVIVOR)"
no_of_nominee	No of Nominee	Number(1)	N	1 or 2 or 3
nominee1_type	Nominee1 Type	Varchar2(15)	N	N or Y(Major/Minor)

nominee1_name	Nominee1 Name	Varchar2(40)	N	
nominee1_dob	Nominee1 DOB	Date(dd-Mon-yyyy)	N	
nominee1_addr1	Nominee1 Address1	Varchar2(120)	N	
nominee1_addr2	Nominee1 Address2	Varchar2(120)	N	
nominee1_addr3	Nominee1 Address3	Varchar2(120)	N	
nominee1_city	Nominee1 City	Varchar2(40)	N	Refer pincode city master
nominee1_state	Nominee1 State code	Varchar2(4)	N	Refer state master
nominee1_pincode	Nominee1 Pincode	Varchar2(15)	N	Refer pincode city master
nominee1_relation	Nominee1 Relation	Varchar2(40)	N	Father or Mother or Wife or Husband or Son or Daughter or Father-in-law or Mother-in-law or Son-in-law or Daughter-in-law or Aunt or Uncle or Niece or Nephew or Brother or Sister or Grand Father or Grand Mother or Others
nominee1_percent	Nominee1 Percent	Number(25,8)	N	
nominee1_guard_name	Nominee1 Guardian Name	Varchar2(75)	N	
nominee1_guard_pan	Nominee1 Guardian PAN	Varchar2(10)	N	
nominee2_type	Nominee2 Type	Varchar2(15)	N	N or Y(Major/Minor)
nominee2_name	Nominee2 Name	Varchar2(40)	N	
nominee2_dob	Nominee2 DOB	Date(dd-Mon-yyyy)	N	
nominee2_relation	Nominee2 Relation	Varchar2(40)	N	Father or Mother or Wife or Husband or Son or Daughter or Father-in-law or Mother-in-law or Son-in-law or Daughter-in-law or Aunt or Uncle or Niece or Nephew or Brother or Sister or Grand Father or Grand Mother or Others
nominee2_percent	Nominee2 Percent	Number(5,2)	N	
nominee2_guard_name	Nominee2 Guardian Name	Varchar2(75)	N	
nominee2_guard_pan	Nominee2 Guardian PAN	Varchar2(10)	N	
nominee3_type	Nominee3 Type	Varchar2(15)	N	N or Y(Major/Minor)
nominee3_Name	Nominee3 Name	Varchar2(40)	N	
nominee3_dob	Nominee3 DOB	Date(dd-Mon-yyyy)	N	

nominee3_relation	Nominee3 Relation	Varchar2(40)	N	Father or Mother or Wife or Husband or Son or Daughter or Father-in-law or Mother-in-law or Son-in-law or Daughter-in-law or Aunt or Uncle or Niece or Nephew or Brother or Sister or Grand Father or Grand Mother or Others
nominee3_percent	Nominee3 Percent	Number(25,8)	N	
nominee3_guard_name	Nominee3 Guardian Name	Varchar2(35)	N	
nominee3_guard_pan	Nominee3 Guardian PAN	Varchar2(10)	N	
fh_ckyc	First holder cKYC	Varchar2(1)	N	Y or N
fh_ckyc_refno	First holder cKYC refno	Varchar2(11)	N	Mandatory for fh_ckyc is “Y”.
jh1_ckyc	Joint holder1 cKYC	Varchar2(1)	N	Y or N
jh1_ckyc_refno	Joint holder1 cKYC Refno	Varchar2(11)	N	Mandatory for jh1_ckyc is “Y”.
jh2_ckyc	Joint holder2 cKYC	Varchar2(1)	N	Y or N
jh2_ckyc_refno	Joint holder2 cKYC Refno	Varchar2(11)	N	Mandatory when jh2_ckyc is “Y”
guard_ckyc	Guard cKYC	Varchar2(1)	N	Y or N
guard_ckyc_refno	Guard cKYC Refno	Varchar2(11)	N	Mandatory when guard_ckyc is “Y”
Micr_no	Micr No	Varchar2(20)	N	
Guardian_relation	Guardian Relation	Varchar2(50)	N	Value Should be NG or LG 1.NG - Natural guardian 2.LG - Legally appointed guardian If value is not provide then default value will be updated as natural guardian (NG).
Mobile_relation	Mobile Relation	Varchar2(5)	N	It is mandatory for Individual tax status. Kindly refer Master API service to get the Relationship Code (GET_RELATIONSHIP_MAST

				ER API Method) Value should be SE = Self SP = Spouse DC = Dependent Children DS = Dependent Siblings DP = Dependent Parents GD = Guardian PM = PMS CD = Custodian PO = POA
Email_relation	Email Relation	Varchar2(5)	N	It is mandatory for Individual tax status. Kindly refer Master API service to get the Relationship Code (GET_RELATIONSHIP_MASTER API Method) Value should be SE = Self SP = Spouse DC = Dependent Children DS = Dependent Siblings DP = Dependent Parents GD = Guardian PM = PMS CD = Custodian PO = POA

The requested service will return the following output as response:

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      IIN Updated. Customer ID : 5011000042
    </return_msg>
  </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Investor Name should not be empty
    </return_msg>
  </service_response>
  <service_response>
    <return_msg>
      Invalid PAN
    </return_msg>
  </service_response>
  <service_response>
    <return_msg>
      Invalid Date Format
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
return_msg	IIN Updated. Customer ID : 5011000042

Failure:

XML Tag	Remarks
return_msg	Investor Name should not be empty
	Invalid PAN

1.5.21 Method to get FATCAENQUIRY

Method Name: “**FATCAENQUIRY**”

This service will allow to generate the FatcaEnquiry.

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011000029</iin>
    <pan>DUIPK4545L</pan>
  </service_request>
</NMFIIService>
```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KGNANA
password	Password	Varchar2(15)	Y	TEST\$258
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
iin	Customer ID	Varchar2(10)	Y	Either one is (IIN/PAN) mandatory.
Pan	Pan	Varchar2(10)	Y	Either one is (IIN/PAN) mandatory.

The invoke requested service and return the following output.

For Success Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <pan_type>JH1_PAN</pan_type>
    <pan_pekm>DUIPK3243I</pan_pekm>
    <investor_name>Mark</investor_name>
    <fatca_reg>Y</fatca_reg>
    <kyc_reg>Y</kyc_reg>
    <ubo_reg>N</ubo_reg>
    <tax_status_desc>Individual</tax_status_desc>
    <verify_status>Y</verify_status>
  </service_response>
</NMFIIService>
```

```

    </service_response>
  </NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
</service_response>
  <return_msg>
    No Records Found.
  </return_msg>
</service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Field Description	data type	Remarks
PAN_TYPE	Pan type	Varchar2(10)	JH1_PAN
PAN_PEKRN	Pan	Varchar2(10)	DUIPK4545K
INVESTOR_NAME	Investor name	varchar2(40)	Mark
FATCA_REG	FATCA Registered	Char(1)	Y
KYC_REG	KYC Registered	Char(1)	Y
UBO_REG	UBO Registered	Char(1)	N
TAX_STATUS_DESC	Tax Status	Varchar2(35)	Individual

Failure:

XML Tag	Remarks
return_msg	No Records Found.

1.5.22 Method to SUBMITUTRNUMBER

Method Name: “SUBMITUTRNUMBER”

This service will allow update the UTR Number and authorize the transaction.

Pass the input as xml format mentioned below.

```
<?xml version="1.0"?>
<NMFIIService>
  <service_request>
    <appln_id>test777</appln_id>
    <password>HJR$W34F3</password>
    <broker_code>ARN-44332</broker_code>
    <utr_no>125478</utr_no>
    <payment_ref_no>607338</payment_ref_no>
    <transfer_date>15-Feb-2017</transfer_date>
  </service_request>
</NMFIIService>
```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KGNANA
password	Password	Varchar2(15)	Y	TEST\$258
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
UTR_no	UTR Number	Varchar2(30)	Y	12123
payment_ref_no	Payment Ref No	Varchar2(20)	Y	12123
transfer_date	UTR Date	Date	Y	15-Feb-2017

The invoke requested service and return the following output.

For Success Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      UTR Number submitted successfully.
    </return_msg>
  </service_response>
</NMFIIService>
```

For Failure Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
```

```

<service_response>
  <return_msg>
    Unable to update the UTR Number.
  </return_msg>
</service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
return_msg	Update successfully.

Failure:

XML Tag	Remarks
return_msg	Unable to update the UTR Number.

1.5.23 Method to get IIN Bank Details

Method Name: "IINBANKDETAILS"

This service will allow to get IIN Bank information

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KRISHNA</appln_id>
    <password>test$321</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011000029</iin>
  </service_request>

```

</NMFIIService>

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KRISHNA
password	Password	Varchar2(15)	Y	TEST\$321
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
iin	IIN	Varchar2(10)	Y	5011000029

The invoke requested service and return the following output.

For Success Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <customer_id>5011000029</customer_id>
    <investor_name>RAJA</investor_name>
    <hold_nature_code>SI</hold_nature_code>
    <hold_nature_desc>Single</hold_nature_desc>
    <bank_code>ACB</bank_code>
    <bank_name>Abhyudaya Coop Bank Ltd</bank_name>
    <default_bank_flag>N</default_bank_flag>
  </service_response>
</NMFIIService>
```

For Failure Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Invalid IIN
    </return_msg>
  </service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1

service_msg	(0) Success / (1) Failure
-------------	---------------------------

For Service Response:

Success:

XML Tag	Field Description	Data Type	Remarks
customer_id	Customer ID	Varchar2(15)	5011000029
Investor_Name	Investor Name	Varchar2(50)	RAJA
Hold_nature_code	Holding Nature Code	Varchar2(5)	SI
Hold_Nature_Desc	Holding Nature Description	Varchar2(50)	Single
bank_code	Bank Code	Varchar2(40)	ACB
bank_name	Bank Name	Varchar2(40)	HDFC Bank Code
Default_Bank_Flag	Default Bank	Char(1)	Y / N

Failure:

XML Tag	Remarks
return_msg	Invalid IIN

1.5.24 Method to get IIN UMRN Details

Method Name: "IINUMRNDetails"

This service will allow to get UMRN information.

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KRISHNA</appln_id>
    <password>test$321</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011000029</iin>
  </service_request>
</NMFIIService>
```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KRISHNA
password	Password	Varchar2(15)	Y	TEST\$321
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209

iin	IIN	Varchar2(10)	Y	5011000029
-----	-----	--------------	---	------------

The invoke requested service and return the following output.

For Success Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <umm_no>UMRN1002</umm_no>
    <active_flag>Yes</active_flag>
  </service_response>
</NMFIIService>
```

For Failure Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Invalid IIN
    </return_msg>
  </service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Field Description	Data Type	Remarks
UMRN_NO	UMRN Number	Varchar2(20)	UMRN10012
Active_Flag	Active Flag	Varchar2(5)	Yes / No

Failure:

XML Tag	Remarks
---------	---------

return_msg	Invalid IIN
------------	-------------

1.5.25 Method to IINMAPPING Details

Method Name: **"IINMAPPING"**

This service will allow to Submit IINMAPPING.

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KRISHNA</appln_id>
    <password>test$321</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011000029</iin>
  </service_request>
</NMFIIService>
```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KRISHNA
password	Password	Varchar2(15)	Y	TEST\$321
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
iin	IIN	Varchar2(10)	Y	5011000029

The invoke requested service and return the following output.

For Success Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>

  <service_response>
    <return_msg>Broker Cust ID Mapping submitted successfully.</return_msg>
  </service_response>
</NMFIIService>
```

For Failure Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Invalid Customer Id
    </return_msg>
  </service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
Return_msg	Broker Cust Id Mapping submitted successfully

Failure:

XML Tag	Remarks
return_msg	Invalid Customer ID

1.5.26 Method to Retrigger Email

Method Name: “RETRIGGERTRXNEMAIL”

This service will allow to retrigger transaction emails.

Pass the input as xml format mentioned below.

```
<NMFIIService>
```

```

<service_request>
  <appln_id>KRISHNA</appln_id>
  <password>test$321</password>
  <broker_code>ARN-70209</broker_code>
  <iin>5011000029</iin>
  <payment_ref_no>629381</payment_ref_no>
  <payment_mode>OL</payment_mode>
  <txn_type>FP</txn_type>
  <return_flag>Y</return_flag>
</service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KRISHNA
password	Password	Varchar2(15)	Y	TEST\$321
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
iin	IIN	Varchar2(10)	Y	5011000029
Payment_ref_no	Payment Ref No	Number	Y	629381
Payment_mode	Payment Mode	Varchar2(3)	N	(OL, TR, OTM) Applicable only for Purchase Transaction (FP/AP). For other transaction Payment mode is not mandatory.
Trxn_type	Transaction Type	Varchar2(5)	Y	FP – Fresh Purchase AP – Additional Purchase <u>OTP Link will trigger for below transaction type:-</u> R – Redemption S – Switch SIP-Systematic Investment Plan STP-Systematic Transfer Plan SWP-Systematic Withdrawal Plan SC – Systematic Ceasure
Return_flag	Return flag	Varchar2(1)	N	Y, N 'N' means we will send the email to authorize the transaction. 'Y' means we will provide the link in response xml to authorize the transaction.

The invoke requested service and return the following output.

For Success Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>

  <service_response>
    <return_msg>Email sent successfully. </return_msg> </service_response>
</NMFIIService>
```

For Failure Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Mail Not Sent
    </return_msg>
  </service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
Return_msg	Email Sent Successfully

Failure:

XML Tag	Remarks
return_msg	Mail Not Sent

1.5.27 Method to Retrigger FATCA AND IIN Confirmation Link

Method Name: “**FATCAIINRETRIGGEREMAIL**”

This service will allow to retrigger Fatca or IIN Confirmation Link emails.

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KRISHNA</appln_id>
    <password>test$321</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011212694</iin>
    <pan_pekrn>STERL6565U</pan_pekrn>
    <process_mode>FL</process_mode>
    <return_flag>N</return_flag>
  </service_request>
</NMFIIService>
```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KRISHNA
password	Password	Varchar2(15)	Y	TEST\$321
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
iin	IIN	Varchar2(10)	N	5011212694 If Process Mode is ICL then IIN is Mandatory
Pan_Pekrn	PAN PEKRN	Varchar2(10)	Y	STERL6565U
Process_mode	Process mode	Varchar2(3)	Y	FL / ICL FL – FATCA Link ICL – IIN Confirmation Link
Return_flag	Return flag	Varchar2(1)	N	Y/N 'N' – Means we will send the FATCA/IIN Confirmation link through email

				communication. 'Y' – Means we will provide the FATCA/IIN Confirmation Link in response
--	--	--	--	--

The invoke requested service and return the following output.

For Success Case:(Process Mode = FL)

```

<NMFIIService>
  <service_status>
    <Status_code>0</Status_code>
    <Status_Desc>Success</Status_Desc>
    <Confirmation_Link>https://uat.nsenmf.com/Admin/MFDKycUboFatcaActivation.aspx?eCNfAXH6vgXxuTW21tmZsCDQ9nmulJIWjobMQXAD7Q5moZf6PX5tSQal5bmtZD%2b4C%2b%2bzeEfxudRPIKRo3M5F8dYUThhLxvDd3F1iyJKbisl0ENIYMsiWgT6v1hY46OO1</Confirmation_Link>
  </service_status>
  <service_response>
    <return_msg>
      Mail Sent Successfully
    </return_msg>
  </service_response>
</NMFIIService>

```

For Success Case:(Process Mode = ICL)

```

NMFIIService>
  <service_status>
    <Status_code>0</Status_code>
    <Status_Desc>Success</Status_Desc>
    <Confirmation_Link>https://uat.nsenmf.com/Admin/MFDIINConfirmation.aspx?OajKYgcRkwL%2bTDEmS4%2f4W53NZLx6f2JuCkGwVtKvhLCDGEFvYub%2bleryfxc2mNGIsBy2DOSmJH0PxDLUFDeVABWOf7DkTxVrxCazITQ2hMI4kaBTNPef6KACM0wBYma2BDmpWvFBctZtEcmEYriM0jWGzjV5utn9ufGEjVjuvs%3d</Confirmation_Link>
  </service_status>
  <service_response>
    <return_msg>
      Mail Sent Successfully
    </return_msg>
  </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>

```



```

    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Record Found
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
Return_msg	Email Sent Successfully

Failure:

XML Tag	Remarks
return_msg	Mail Not Sent

1.5.28 Method to Set Default Bank

Method Name: “**SETDEFAULTBANK**”

This service will allow to set the IIN Default Bank.

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011000029</iin>
  </service_request>
</NMFIIService>

```

```

        <bank_name>HDF</bank_name>
        <acc_no>5010005851455</acc_no>
        <default_bank>Y</default_bank>
    </service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KGNANA
password	Password	Varchar2(15)	Y	TEST\$258
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
iin	IIN	Varchar2(10)	Y	5011000029
Bank_name	Bank Code	Varchar2(10)	Y	HDF
Acc_no	Account No	Varchar2(20)	Y	5010005851455
Default_bank	Default Bank	Varchar2(1)	Y	Y

The invoke requested service and return the following output.

For Success Case:

```

<NMFIIService>
  <service_status>
    <Status_code>0</Status_code>
    <Status_Desc>Success</Status_Desc>
  </service_status>
  <service_response>
    <return_msg>
      HDF Bank Code Successfully Set Default Bank With Customer ID -
      5011000029.
    </return_msg>
    <Status_Desc>
      HDF Bank Code Successfully Set Default Bank With Customer ID -
      5011000029.
    </Status_Desc>
  </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Invalid Bank Details
    </return_msg>
  </service_response>
</NMFIIService>

```

```
</service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
Return_msg	HDF Bank Code Successfully Set Default Bank With Custome ID - 5011000029

Failure:

XML Tag	Remarks
return_msg	Invalid Bank Details

1.5.29 Method to Get Transaction Detailed Report

Method Name: "TRXN_DETAILED_REPORT"

This service will allow to get the Transaction Detailed Report.

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <from_date>01-Mar-2018</from_date>
    <to_date>31-Mar-2018</to_date>
    <initiated_by>B</initiated_by>
  </i>
```

```

        <txn_type></txn_type>
        <txn_status></txn_status>
        <triggered_txn>N</triggered_txn>
    </service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KG NANA
Password	Password	Varchar2(15)	Y	TEST\$258
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
From_date	From Date	Date	Y	01-Mar-2018
To_date	To Date	Date	Y	31-Mar-2018
Initiated_by	Initiated By	Varchar2(10)	N	B/I B Means Broker I Means Investor
Iin	IIN	Varchar2(10)	N	5011000001
Trxn_type	Transaction Type	Varchar2(1)	N	P/R/S/T/A P - Purchase R - Redemption S - Switch T - Triggered Trxn A - Above All
Trxn_status	Transaction Status	Varchar2(3)	N	P/C/RT/A/R/ALL P - Pending C- Authorized RT - Submitted To RTA A - Processed. R - Rejected/Reversed ALL - Above All
triggered_txn	Triggered Transaction	Varchar2(1)	N	Value will be 'Y' / 'N'. 'Y' means triggered transaction will be provided in API response. 'N' means Except triggered transaction; all other transactions will be provided in response

The invoke requested service and return the following output.

For Success Case:

```
<NMFIIService>
```

```
<service_status>
  <Status_code>0</Status_code>
  <Status_Desc>Success</Status_Desc>
</service_status>
<service_response>
  <CUSTOMER_ID>5011212657</CUSTOMER_ID>
  <INVESTOR_NAME>RANJITH JAYAKAR SHETTY</INVESTOR_NAME>
  <TRXN_TYPE>Redemption</TRXN_TYPE>
  <SUB_TRXN_TYPE>Normal</SUB_TRXN_TYPE>
  <TRIGGERED_TRANSACTION>No</TRIGGERED_TRANSACTION>
  <AMOUNT>6000</AMOUNT>
  <UNITS>0</UNITS>
  <ALL_UNITS>No</ALL_UNITS>
  <AMC_NAME>H/HDFC Mutual Fund</AMC_NAME>
  <SCHEME_NAME>BFD/HDFC Balanced Fund - Dividend</SCHEME_NAME>
  <REINVEST_OPTION>Not Applicable</REINVEST_OPTION>
  <TARGET_PRODUCT />
  <SOURCE_REINVEST />
  <REGISTRAR_ID>CAMS</REGISTRAR_ID>
  <FOLIO_NO>52317200</FOLIO_NO>
  <USER_CODE>TEST798</USER_CODE>
  <USER_TRXNNO>8021215</USER_TRXNNO>
  <APPLICATION_NO>70356</APPLICATION_NO>
  <PAYMENT_MODE />
  <INSTRM_NO />
  <BANK_NAME>ICICI Bank Ltd</BANK_NAME>
  <AC_NO>002001518879</AC_NO>
  <PAYMENT_REF_NO>631729</PAYMENT_REF_NO>
  <ENTRY_DATE>31-Mar-2018 06:38:58 PM</ENTRY_DATE>
  <AUTHORIZED_DATE_TIME />
  <TRXN_STATUS>Pending for Authorization</TRXN_STATUS>
  <POA_FLAG>No</POA_FLAG>
  <POA_TYPE />
  <EXCEPT_TRXN_FLAG>No</EXCEPT_TRXN_FLAG>
  <PURCHASE_CUM_REDEEM>No</PURCHASE_CUM_REDEEM>
  <FUND_TRANS_DATE />
  <REMARKS />
  <INSURANCE_ENABLED>No</INSURANCE_ENABLED>
  <EUIN />
  <RTA_STATUS />
  <REJECTED_REASON />
  <REJECTION_DATE />
  <UMRN_NO />
  <GOAL_SCHEME_ENABLED>Yes</GOAL_SCHEME_ENABLED>
  <GOAL_TYPE>Marriage</GOAL_TYPE>
  <GOAL_AMOUNT>10000</GOAL_AMOUNT>
  <FUND_CLEARED_DATE>09-NOV-2017</FUND_CLEARED_DATE>
  <SIP_START_DATE>09-NOV-2017</SIP_START_DATE>
  <SIP_END_DATE>09-DEC-2017</SIP_END_DATE>
  <FREQUENCY>ONCE A MONTH</FREQUENCY>
  <APPLICATION_NO>9874</ APPLICATION_NO >
  <FREEDOM_SIP>Yes</FREEDOM_SIP>
  <FREEDOM_SIP_TENURE>10</FREEDOM_SIP_TENURE>
```

```

    <FREEDOM_SWP_AMOUNT>1500</FREEDOM_SWP_AMOUNT>
    <FREEDOM_TARGET_SCHEME>ICICI Prudential Asset Allocator Fund-
Growth</FREEDOM_TARGET_SCHEME>
    <SIP_REG_NO>123456</SIP_REG_NO>
  </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Field Description	data type	Remarks
CUSTOMER_ID	Customer id	Varchar2(15)	5011000001
INVESTOR__NAME	Investor Name	Varchar2(70)	XXX
TRXN_TYPE	Transaction type	varchar2(7)	Fresh Purchase
SUB_TRXN_TYPE	Sub transaction type	varchar2(7)	'N' for normal, 'S' for systematic.
TRXN_STATUS	Transaction Status	Varchar2(25)	Pending
AMOUNT	Amount	number(25,8)	1000
UNITS	Units	number(25,8)	100
ALL_UNITS	All Units	Varchar2(3)	Y/N Y for Yes N for No

AMC_NAME	AMC name	varchar2(50)	H
SCHEME_NAME	Scheme Name	VARCHAR2(200)	hdfc fmp 1134d
TAR_SCHEME	Target Scheme		
FOLIO_NO	Folio no	varchar2(20)	2777000
USER_TRXNNO	User transaction no	varchar2(20)	12043
PAYMENT_MODE	Payment Mode	Varchar2(10)	Debit
PAYMENT_REF_NO	Payment ref no	varchar2(20)	12345
ENTRY_DATE	Entry Date	Date	09-Jun-2015
AUTHORIZED_DATE_TIME	Authorized Date and Time	Date	09-Jun-2015
FUND_TRANS_DATE	Fund Transfer Date	Date	
Remarks	Remarks	Varchar2(100)	Pending Pending for Authorization Authorized Submitted to RTA Processed by RTA Rejected/Reversal
POA_FLAG	POA Flag	varchar2(1)	Yes/No
POA_TYPE	POA Type	Varchar2(10)	DCPMS
EXCEPT_TRXN_FLAG	Exception Transaction Flag	Varchar2(1)	Yes/No
PURCHASE_CUM_REDEEM	Purchase Cum Redeem	Varchar2(1)	Yes/No
RTA_CODE	RTA Code	VARCHAR2(200)	XYZ
BROK_DLR_CODE	Broker Code	Varchar2(10)	ARN-70209
BROKER_NAME	Broker Name	Varchar2(40)	ABC
BANK_NAME	Bank Name	Varchar2(40)	ASDF
BANK_ACC_NO	Bank Account No	Varchar2(40)	0441124578212
AC_TYPE	Account Type	Varchar2(10)	Savings Account
UMRN_NO	UMRN	Varchar2(20)	HDFC0055545
INSTRM_NO	Instrument No	Number	252352
ACH_FROMDATE	ACH from Date	Date	02-Mar-2018 03:06:19 PM
ACH_ENDDATE	ACH End Date	Date	02-Mar-2020 03:06:19 PM
ACH_AMOUNT	ACH Amount	number (25,8)	100000
USER_NAME	User Name	Varchar2(70)	NSETEST
FUND_CLEARED_DATE	Fund cleared date	Date	09-Jun-2015
APPLICATION_NO	Application No	Number(10)	9874
FREEDOM_SIP	Freedom SIP	Varchar2(1)	Yes/No
FREEDOM_SIP_TENURE	Freedom SIP tenure	Varchar2(2)	08
FREEDOM_SWP_AMOUNT	Freedom SWP Amount	Varchar2(20)	50000
FREEDOM_TARGET_SCHEME	Freedom Target scheme	Varchar2(100)	Target Scheme
SIP_REG_NO	SIP Registration No	Varchar2(20)	123456

Failure:

XML Tag	Remarks
return_msg	No Records Found

1.5.30 Method to Register POA Details.

Method Name: “**POAREGISTRATION**”

This service will allow to Register POA Details.

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>kgnana</appln_id>
    <password>test$258</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011215101</iin>
    <POA_NAME>Rasul</POA_NAME>
    <POA_EMAIL>test@in.in</POA_EMAIL>
    <POA_MOBILE_NO>9865321470</POA_MOBILE_NO>
    <POA_END_DATE>14-Aug-2018</POA_END_DATE>
    <PERPETUAL_FLAG>Y</PERPETUAL_FLAG>
    <REMARKS />
  </service_request>
</NMFIIService>
```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KG NANA
password	Password	Varchar2(15)	Y	TEST\$258
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
iin	IIN	Varchar2(10)	Y	5011000001
POA_Name	POA Name	Varchar2(200)	Y	Rasul
POA_Email	POA Email	Varchar2(200)	Y	test@gmail.com

POA_Mobile_No	POA Mobile No	Varchar2(20)	Y	9876543210
POA_End_Date	POA End Date	Date	N	01-Aug-2000
Perpetual_Flag	Perpetual Flag	Char(1)	N	Y/N Y for Yes N for No If Perpetual_Flag ="Y" default date will be taken as "31-Dec-2999" If Perpetual_Flag ="N" then POA End Date will be mandatory

The invoke requested service and return the following output.

For Success Case:

```

<NMFIISERVICES>
  <service_response>
    <Status_Desc>POA successfully mapped with Customer ID - 5011000001</Status_Desc>
  </service_response>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</NMFIISERVICES>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1

service_msg	(0) Success / (1) Failure
-------------	---------------------------

For Service Response:

Success:

XML Tag	Remarks
return_msg	POA successfully mapped with Customer ID - 5011000001.

Failure:

XML Tag	Remarks
return_msg	Customer ID Should not be null

1.5.31 Method to Register POA Bank Details.

Method Name: “**POABANKREGISTRATION**”

This service will allow to Register POA Bank Details.

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <broker_code>ARN-70209</broker_code>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <process_flag>I</process_flag>
    <iin>5011215101</iin>
    <bank_name>ICI</bank_name>
    <acc_no>125488748478</acc_no>
    <acc_type>SB</acc_type>
    <ifsc_code>HDFC0000001</ifsc_code>
    <micr_no>987654320</micr_no>
    <bank_trxn_type>NDCPMS</bank_trxn_type>
    <POA_Bank_Email>test@gmail.com</POA_Bank_Email>
    <POA_Bank_Mobile>9876543210</POA_Bank_Mobile>
    <branch_name>Chennai</branch_name>
    <proof_of_account>attested copy of bank passbook frontpage</proof_of_account>
  </service_request>
</NMFIIService>

```

Input Code Data:

Proof of Account:

Code	Description
Original cancelled cheque	Cancelled cheque
Attested copy of bank passbook frontpage	Bank passbook
Attested copy of bank statement	Bank statement
Attested copy of bankletter	Letter from Bank confirming the account

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KGNANA
password	Password	Varchar2(15)	Y	TEST\$258
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
iin	IIN	Varchar2(10)	Y	5011000001
process_flag	Process Flag	Char (1)	Y	I – Insert, E - Edit
Bank_Name	Bank Name	Varchar2(40)	Y	HDF
Acc_No	Account No	Varchar2(40)	Y	125422748478
Acc_Type	Accooount Type	Varchar2(5)	Y	SB
Ifsc_Code	IFSC Code	Varchar2(20)	Y	
Micr_No	MICR No	Varchar2(20)	N	
Bank_Trxn_Type	Bank Trxn Type	Varchar2(120)	N	NDCPMS
POA_Bank_Email	POA Bank Email	Varchar2(128)	N	test@gmail.com
POA_Bank_Mobile	POA Bank Mobile	Varchar2(13)	N	9876543210
Branch_Name	Branch Name	Varchar2(40)	N	Chennai
Proof_Of_Account	Proof Of Account	Varchar2(120)	N	Refer Input Code Data : Proof Of Account

The invoke requested service and return the following output.

For Success Case:

```

<NMFISERVICES>
  <service_response>
    <Status_Desc>HDFsuccessfully mapped with Customer ID</Status_Desc>
  </service_response>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</NMFISERVICES>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
return_msg	POA successfully mapped with Customer ID - 5011000001.

Failure:

XML Tag	Remarks
return_msg	Customer ID Should not be null

1.5.32 Method to get POA Bank Mandate Report

Method Name: “**POABANKMANDATEREPORT**”

This service will allow to generate the POA Bank Mandate Report.

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <cust_id>5011000029</cust_id>
  </service_request>
</NMFIIService>

```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KGNANA
password	Password	Varchar2(15)	Y	TEST\$258
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
cust_id	Customer ID	Varchar2(10)	Y	5011000029

The invoke requested service and return the following output.

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>

  <service_response>
    <CUSTOMER_ID>5011000029</CUSTOMER_ID>
    <BROKER_CODE>ARN-70209</BROKER_CODE>
    <EMAIL>test@gmail.com</EMAIL>
    <MOBILE_NO>9876543210</MOBILE_NO>
    <TYPE_OF_TRXN>NDCPMS</TYPE_OF_TRXN>
    <BANK_CODE>SBI</BANK_CODE>
    <BANK_NAME>State Bank of India</BANK_NAME>
    <AC_NO>501100004885</AC_NO>
    <AC_TYPE>Savings Account</AC_TYPE>
    <IFSC_CODE>HDFC0000004</IFSC_CODE>
    <MICR_NO>321321654</MICR_NO>
    <BRANCH_NAME>ITC</BRANCH_NAME>
    <BRANCH_ADDRESS1 />
    <BRANCH_ADDRESS2 />
    <BRANCH_ADDRESS3 />
    <BRANCH_PINCODE />
    <BRANCH_CITY />
    <BRANCH_COUNTRY />
    <DEFAULT_BANK>No</DEFAULT_BANK>
    <STATUS>Not Activated</STATUS>
    <CREATED_DATE>02-Aug-2017</CREATED_DATE>
    <POA_PROOF_OF_ACC>original cancelled cheque.</POA_PROOF_OF_ACC>
    <REJECTED_REASON></REJECTED_REASON>
  </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>

```

```

    </service_status>
    <service_response>
      <return_msg>
        No Records Found.
      </return_msg>
    </service_response>
  </NMFIIService>

```

Output data as table format:
For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Field Description	data type	Remarks
CUSTOMER_ID	customer id	varchar2(10)	5011000149
BROKER_CODE	Broker code	Varchar2(15)	ARN-70209
EMAIL	EMAIL	Varchar2(100)	test@gmail.com
MOBILE	MOBILE	Varchar2(10)	9876543210
TYPE_OF_TRXN	Type of Trxn	Varchar2(10)	NDCPMS
BANK_NAME	Bank name	varchar2(40)	STATE BANK OF INDIA
BANK_CODE	Bank code	Varchar2(10)	SBI
AC_NO	Account number	Varchar2(40)	30527671988
AC_TYPE	Account Type	varchar2(5)	Savings Account
IFSC_CODE	IFSC_Code	Varchar2(50)	HDFC0000000
MICR_CODE	MICR_Code	Varchar2(50)	
BRANCH_NAME	Branch_Name	varchar2(20)	Mumbai
BRANCH_ADDRESS1	Branch_Address1	varchar2(50)	Jalgaon
BRANCH_ADDRESS2	Branch_Address2	varchar2(50)	
BRANCH_ADDRESS3	Branch_Address3	varchar2(50)	
BRANCH_PINCODE	Branch_Pincode	Varchar2(10)	600028
BRANCH_CITY	Branch_City	Varchar2(50)	Chennai
BRANCH_COUNTRY	Branch_Country	varchar2(25)	IND
STATUS	Status	varchar2(10)	Y or N (Activated / Not Activated)
CREATED_DATE	Created Date	Date	02-Aug-2017
POA_PROOF_OF_ACC	POA Proof Of Acc	Varchar2(100)	original cancelled cheque.
REJECTED_REASON	Rejected Reason	Varchar2(500)	Test

Failure:

XML Tag	Remarks
return_msg	No Records Found.

1.5.33 Method for Purchase Cum Redemption Transaction

Method Name: “PURCHASECUMREDEMPTIONTRXN”

This service will allow Purchase Cum Redemption Transaction

Pass the input as xml format mentioned below.

```
<NMFIService>
  <service_request>
    <appln_id>TEST773</appln_id>
    <password>HJR$W34F3</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011000029</iin>
    <sub_broker_arn_code>
    </sub_broker_arn_code>
    <sub_broker_code>
    </sub_broker_code>
    <euin_opted>Y</euin_opted>
    <euin>E129647</euin>
    <sub_trxn_type>N</sub_trxn_type>
    <demat_user>N</demat_user>
    <dp_id></dp_id>
    <bank>HDF</bank>
    <ac_no>5010546446666</ac_no>
    <ifsc_code>HDFC0000004</ifsc_code>
    <poa>N</poa>
    <poa_bank_trxn_type>NDCPMS</poa_bank_trxn_type>
    <remarks></remarks>
    <payment_mode>OL</payment_mode>
    <rtgs_code>123456789</rtgs_code>
    <billdesk_bank>HDF</billdesk_bank>
    <advisory_charge></advisory_charge>
    <Return_paymnt_flag>Y</Return_paymnt_flag>
    <Client_callback_url>https://uat.nsenmf.com/</Client_callback_url>
  </childtrans>
    <amc>B</amc>
    <folio>1015959778</folio>
    <product_code>867G</product_code>
    <reinvest>Z</reinvest>
    <amount>100000</amount>
```

```

<amt_unit_type>Amount</amt_unit_type>
<all_units>N</all_units>
<input_ref_no>56734</input_ref_no>
</childtrans>
</service_request>
</NMFIIService>

```

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	
password	Password	Varchar2(15)	Y	
broker_code	Broker Code	Varchar2(15)	Y	
iin	IIN	Varchar2(10)	Y	
poa	POA	Char(1)	Y	Executed by POA – values Y or N
POA_Bank_Trnx_Type	POA Bank Trxn Type	Varchar2(10)	N	Value should be NDCPMS or DCPMS
demat_user	Demat User	Char(1)	Y	Y or N
dp_id	DP Id	Varchar2(20)	N	
bank	Bank	Varchar2(40)	Y	Bank Code is Mandatory for Purchase Trxn <u>Note:</u> For redemption credit will be happen based on default bank registered at the RTA level.
ac_no	Ac No	Varchar2(40)	N	ac_no is mandatory for payment mode (“OL,TR”)
ifsc_code	IFSC code	Varchar2(40)	N	ifsc_code is mandatory for payment mode (“OL,TR”)
sub_broker_arn_code	Sub Broker ARN Code	Varchar2(20)	N	
sub_broker_code	Sub Broker Code	Varchar2(30)	N	
euin_opted	EUIN Opted	Char(1)	Y	
euin	EUIN	Varchar2(20)	N	
remarks	Remarks	Varchar2(1000)	N	
payment_mode	Payment Mode	Varchar2(7)	Y	
billdesk_bank	Bill Desk Bank	Varchar2(40)	N	Bill desk Bank Code is mandatory for payment mode Online (“OL”)
rtgs_code	RTGS code	Varchar2(11)	N	Mandatory for following payment mode 1. “TR” = RTGS
advisory_charge	Advisory charge	Number(7)	N	
Return_paymnt_flag	Return payment flag	Char(1)	N	Y or N. If Return Payment Flag is 'Y' then you should provide the Client Call Back URL. Ref section 1.5 (New API Online Payment Process) If Return Payment Flag is 'N' Then will work as normal.
Client_callback_url	Client call back url	Varchar2(1000)	N	Provide your Webpage / API URL.

				<p>After Payment, page will be redirect to client call back url with Customer ID, Payment Ref No, Payment Status and Payment Message in the URL:</p> <p>Payment Status will be SUCCESS or FAILURE. For FAILURE case, Payment Failure Message will be passed in the PaymentMsg Parameter and for SUCCESS PaymentMsg Parameter value will be blank.</p> <p>Example Url given below http://YourURL?CustomerID=5011000029&PaymentRefNo=541&PaymentStatus=SUCCESS&PaymentMsg=</p>
--	--	--	--	---

Multi Transaction Table:

XML Tag	Field Description	Data Type	Mandatory	Remarks
amc	AMC	Varchar2(5)	Y	AMC Code
folio	Folio	Varchar2(20)	Y	For additional purchase alone mandatory.
product_code	Product Code	Varchar2(20)	Y	
reinvest	ReInvest	Char (1)	Y	
amount	Amount	Number (25,8)	Y	1000
units	Units	number (25,8)	Y	1000
all_units	All Units	Char (1)	Y	Value should be 'Y' or 'N'
input_ref_no	Input ref no	Varchar2(20)	N	This user Input Reference No will reflect in output Service Response XML for user reference.

For Success Case:

```

<NMFIISERVICES>
<service_response>
  <Unique_No>655915</Unique_No>
  <Trxn_No>8341784</Trxn_No>
  <application_no>9874</application_no>
  <Trxn_Type>Additional Purchase</Trxn_Type>
  <Fund>Birla Sun Life Mutual Fund</Fund>
  <Folio>1015959778</Folio>
  <Scheme>867G</Scheme>
  <Scheme_Name>Aditya Birla Sun Life FTP - INSTL - Series AB - Growth</Scheme_Name>
  <Amt>100,000.00</Amt>
  <Status_Desc>Ok</Status_Desc>

```

```

        <Status_code>0</Status_code>
    </service_response>
</service_response>
    <Unique_No>655915</Unique_No>
    <Trxn_No>8341785</Trxn_No>
    <application_no>9875</application_no>
    <Trxn_Type>Redemption</Trxn_Type>
    <Fund>Birla Sun Life Mutual Fund</Fund>
    <Folio>1015959778</Folio>
    <Scheme>867G</Scheme>
    <Scheme_Name>Aditya Birla Sun Life FTP - INSTL - Series AB - Growth</Scheme_Name>
    <Amt>ALL</Amt>
    <Status_Desc>OK</Status_Desc>
    <Status_code>0</Status_code>
</service_response>
<service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
</service_status>
</NMFIISERVICES>

```

For Success Case (Return_paymnt_flag = Y):

```

<NMFIIService>
    <service_status>
        <service_return_code>0</service_return_code>
        <service_msg>Success</service_msg>
    <paymentlink>
https://uat.nsenmf.com/Transactions/MFDMakePayment.aspx?Wfp2PoQT2m3nX2ehb%2fmOleSfZ%2bhv7SRRO7x3lIif%2b9BJmb79EpEtUjFj5Cay2jUUzvr7rHUOJaajobgZCJfKfNMLkjq%2b5XMist357LeIGaMhBZ5UC52kE54wqkrJh16DB8D6lona6qqgyooZgbPvXTAWxbKRX98QldcqkpsVwhAJWG9EtyYnRPA24OlVzHdRvYsWxGOlmHSocclpoU%2flsel5l9XdqywjK7ZH7YgLrxzXAcEbknym%2btqx51pxSjIBX6etC6c%2buKY6RfxjoAntQ7vzOp5%2bMCV0kiHguUKJnebLryZbq1vGNRawSEHnjbJNsgM9416FZiuXGgrausYdxuml%2bZedi%2f%2boJDzlxhQi6Mdc%3d'&gt;https://uat.nsenmf.com/Transactions/MFDMakePayment.aspx?Wfp2PoQT2m3nX2ehb%2fmOleSfZ%2bhv7SRRO7x3lIif%2b9BJmb79EpEtUjFj5Cay2jUUzvr7rHUOJaajobgZCJfKfNMLkjq%2b5XMist357LeIGaMhBZ5UC52kE54wqkrJh16DB8D6lona6qqgyooZgbPvXTAWxbKRX98QldcqkpsVwhAJWG9EtyYnRPA24OlVzHdRvYsWxGOlmHSocclpoU%2flsel5l9XdqywjK7ZH7YgLrxzXAcEbknym%2btqx51pxSjIBX6etC6c%2buKY6RfxjoAntQ7vzOp5%2bMCV0kiHguUKJnebLryZbq1vGNRawSEHnjbJNsgM9416FZiuXGgrausYdxuml%2bZedi%2f%2boJDzlxhQi6Mdc%3d
    </paymentlink>
    </service_status>
</NMFIIService>

```

Note:

After Payment, page will be redirect to client call back url with Customer ID, Payment Ref No, Payment Status and Payment Message in the URL.:

Payment Status will be SUCCESS or FAILURE. For FAILURE case, Payment Failure Message will be passed in the PaymentMsg Parameter and for SUCCESS **PaymentMsg** Parameter value will be blank.

Example:

<http://YourURL?CustomerID=5011000029&PaymentRefNo=541&PaymentStatus=FAILURE&PaymentMsg=Invalid Authentication at Bank>

Failure Case 1: Validation Level Response.

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>Length of the IFSC Code should be 11</return_msg>
    <status_desc>Length of the IFSC Code should be 11</status_desc>
    <return_msg>Invalid folio for given amc</return_msg>
    <status_desc>Invalid folio for given amc</status_desc>
  </service_response>
</NMFIIService>
```

Failure Case 2: Transaction Level Response.

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <unique_no>----</unique_no>
    <txn_no>----</txn_no>
    <fund>Hdfc</fund>
    <folio>110115</folio>
    <scheme>BFD</scheme>
    <scheme_Name>Tata Balanced Fund Plan A - Dividend</scheme_Name>
    <amt>5000</amt>
    <input_ref_no>52521</input_ref_no>
    <status_desc>Invalid Bank Code</status_desc>
    <status_code>1</status_code>
  </service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure
Paymentlink	If Return_payment_flag=Y then payment url send via output xml otherwise payment url send via mail

For Service Response:**Success:**

XML Tag	Field Description	data type	Remarks
Unique_No	Unique Ref No	varchar2(20)	12345
Trxn_No	Transaction No	number (10)	4567
Application_No	Application No	Number(10)	9874
Trxn_Type	Transaction Type	Varchar2(50)	Additional Purchase / Redemption
Fund	AMC Code	varchar2(5)	Hdfc
Folio	Folio No	varchar2(20)	110115
Scheme	Scheme	varchar2(20)	Bfd
Scheme_Name	Scheme Name	varchar2(200)	Tata Balanced Fund Plan A - Dividend
Amt	Amount	number (25,8)	5000
Status_Desc	Status Description	varchar	ok
Status_Code	Status Code	varchar2	0
Paymentlink	Payment url	Varchar (1000)	If Return_paymnt_flag=Y then payment url send via output xml otherwise payment url send via mail

Failure:

XML Tag	Field Description	data type	Remarks
Unique_No	Unique Ref No	varchar2(20)	
Trxn_No	Transaction No	number (10)	
Application_no	Application No	Number(10)	
Fund	AMC Code	varchar2(5)	Hdfc
Folio	Folio No	varchar2(20)	110115
Scheme	Scheme	varchar2(20)	Bfd
Scheme_Name	Scheme Name	varchar2(200)	Tata Balanced Fund Plan A - Dividend
Amt	Amount	number (25,8)	5000

Status_Desc	Status Description	Varchar2	Invalid Folio for given amc.
Status_Code	Status Code	varchar2	1
input_ref_no	Input ref no	Varchar (20)	52521

1.5.34 Method to Get Insta Activation Status Report

Method Name: **"INSTAACTIVATIONSTATUSREPORT"**

This service will allow to get the name match status of IIN created through Instant Mode.

Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <from_date>01-Mar-2018</from_date>
    <to_date>31-Mar-2018</to_date>
    <iin>5011000029</iin>
  </service_request>
</NMFIIService>
```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KGNANA
password	Password	Varchar2(15)	Y	TEST\$258
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
From_date	From Date	Date	Y	01-Mar-2018
To_date	To Date	Date	Y	31-Mar-2018
iin	IIN	Varchar2(10)	N	5011000029

The invoke requested service and return the following output.

For Success Case:

```
<NMFIISERVICES>
```

```

<service_status>
  <service_return_code>0</service_return_code>
  <service_msg>Success</service_msg>
</service_status>
<service_response>
  <customer_id>5011216560</customer_id>
  <investor_name>testscan</investor_name>
  <kyc_name>kiran kumari</kyc_name>
  <name_as_per_bank_records />
  <kyc_name_match_status>name not matched</kyc_name_match_status>
  <bank_name_match_status>name not matched</bank_name_match_status>
  <remediation_action>please upload pan copy and cheque copy</remediation_action>
  <created_date>22-May-2019 03:54:25 PM</created_date>
</service_response>
</NMFIISERVICES>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Field Description	data type	Remarks
CUSTOMER_ID	Customer id	Varchar2(15)	5011000001
INVESTOR__NAME	Investor Name	Varchar2(70)	XXX
KYC_NAME	Response of Applicant Name from KYC	Varchar2(70)	XXX

NAME_AS_PER_BANK_REC ORD	Response of Applicant name from Bank	Varchar2(70)	XXX
KYC_NAME_MATCH_STATU S	NAME MATCHES OR NOT WITH KYC	VARCHAR2(200)	xxx
BANK_NAME_MATCH_STAT US	NAME MATCHES OR NOT WITH BANK	VARCHAR2(200)	xxx
REMIDATION_ACTION	Action to be taken whether cheque or pan copy need to uploaded by applicant	Varchar2(40)	Please upload pan copy or cheque copy
CREATED_DATE	IIN Created date	Date	02-Mar-2018 03:06:19 PM

Failure:

XML Tag	Remarks
return_msg	No Records Found

1.5.35 Method to Enable Insta IIN Activation.

Method Name: “**ENABLEIININSTAMODE**”

This service will allow to enable INSTA mode for IIN Activation.
Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <retrigger_email>Y</retrigger_email>
  </service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	KGNANA
password	Password	Varchar2(15)	Y	TEST\$258
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
Retrigger_email	Re trigger activation mail	Char (1)	N	(Y/N) to be given to re trigger already send email.

The invoke requested service and return the following output.

For Success Case:

```
<NMFIISERVICES>
<service_status>
  <service_return_code>0</service_return_code>
  <service_msg>Success</service_msg>
</service_status>
<service_response>
  <return_msg>Mail send successfully, please click the link to enable Insta mode for the
ARN</return_msg>
</service_response>
</NMFIISERVICES>
```

For Failure Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found
    </return_msg>
  </service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Field Description	data type	Remarks
return_msg	Mail send successfully, please click the link to enable Insta mode for the ARN	Varchar2(1500)	Mail send successfully, please click the link to enable Insta mode for the ARN

Failure:

XML Tag	Remarks
---------	---------

return_msg	No Records Found
------------	------------------

1.5.36 Method to Donor Details Entry

Method Name: “**DONORDETAILS**”

This service will allow to create new Donor Details

Pass the input as xml format mentioned below.

```
<NMFIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011007072</iin>
    <donor_name1>Rasul</donor_name1>
    <donor1_address1>xxxxxx</donor1_address1>
    <donor1_address2>xxxxxx</donor1_address2>
    <donor1_address3>xxxxxx</donor1_address3>
    <donor1_city>Chennai</donor1_city>
    <donor1_pincode>605032</donor1_pincode>
    <donor1_mobileno>xxxxxxx</donor1_mobileno>
    <donor1_phonework></donor1_phonework>
    <donor1_phonehome></donor1_phonehome>
    <donor1_fax></donor1_fax>
    <donor1_email>test@gmail.com</donor1_email>
    <donor1_accountno>501100014525</donor1_accountno>
    <donor1_accounttype>CA</donor1_accounttype>
    <donor1_bankname>HDF</donor1_bankname>
    <donor1_branchname>ITC</donor1_branchname>
    <donor1_bank_city>Chennai</donor1_bank_city>
    <donor1_dateofbirth>20-Jul-1990</donor1_dateofbirth>
    <donor1_taxstatus>06</donor1_taxstatus>
    <donor1_pan>DUIPK3434B</donor1_pan>
    <alt_childname></alt_childname>
    <alt_childfathername></alt_childfathername>
    <alt_childguardianname></alt_childguardianname>
    <alt_childaddress1></alt_childaddress1>
    <alt_childaddress2></alt_childaddress2>
    <alt_childaddress3></alt_childaddress3>
    <alt_childcity></alt_childcity>
    <alt_childpincode></alt_childpincode>
    <alt_childtaxstatus></alt_childtaxstatus>
    <alt_childdob></alt_childdob>
```

```

<ifsc_code>HDFC0000009</ifsc_code>
<micr_no></micr_no>
<kyc_status>Y</kyc_status>
<donor_mode>I</donor_mode>
</service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	Application ID
password	Password	Varchar2(15)	Y	Password
broker_code	Broker Code	Varchar2(15)	Y	
iin	Cutomer ID	Varchar2(10)	Y	IIN should be a “ Minor ”
donor_name1	Donor Name	Varchar2(70)	Y	Donor Name Mandatory for Every Entry
donor1_address1	Donor Address1	Varchar2(120)	N	
donor1_address2	Donor Address2	Varchar2(120)	N	
donor1_address3	Donor Address3	Varchar2(120)	N	
donor1_city	Donor1 City	Varchar2(35)	N	
donor1_pincode	Donor1 Pincode	Varchar2(15)	N	
donor1_mobileno	Donor1 MobileNo	Varchar2(12)	N	
donor1_phonework	Donor1 Phone work	Varchar2(35)	N	
donor1_phonehome	Donor1 Phone Home	Varchar2(35)	N	
donor1_fax	Donor1 Fax	Varchar2(35)	N	
donor1_email	Donor Email	Varchar2(128)	N	
donor1_accountno	Donor1 Account No	Varchar2(40)	Y	Account Number Mandatory
donor1_accounttype	Donor1 Account Type	Varchar2(5)	Y	Donor Account Type Mandatory for Donor Details Entry “ Refer Account Type Master ”

donor1_bankname	Donor1 Bank Name	Varchar2(40)	Y	Bank Name Mandatory for Donor Details Entry “Refer Bank master”
donor1_branchname	Donor1 Branch Name	Varchar2(40)	Y	
donor1_bank_city	Donor1 Bank City	Varchar2(35)	Y	
donor1_dateofbirth	Donor1 Date Of Birth	Date (DD-MMM-YYYY)	N	DOB not Empty then Format should be (DD-MMM-YYYY)
donor1_taxstatus	Donor Tax Status	Varchar2(2)	Y	Allow donor Tax status code only acceptable for Donor Entry Refer Tax Status master
donor1_pan	Donor PAN	Varchar2(10)	Y	
alt_childname	Alt Child Name	Varchar2(70)	N	
alt_childfathename	Alt Child Father	Varchar2(70)	N	
alt_childguardiannname	Alt Child Guardian Name	Varchar2(70)	N	
alt_childaddress1	Alternate Child Address1	Varchar2(120)	N	
alt_childaddress2	Alternate Child Address3	Varchar2(120)	N	
alt_childaddress3	Alternate Child Address3	Varchar2(120)	N	
alt_childcity	Alternate Child city	Varchar2(35)	N	
alt_childpincode	Alternate Child Pincode	Varchar2(15)	N	
alt_childtaxstatus	Alternate Child Tax Status	Varchar2(2)	N	
alt_childdob	Alternate Child DOB	Date (DD-MMM-YYYY)	N	
ifsc_code	IFSC Code	Varchar2(20)	Y	
micr_no	MICR NO	Varchar2(20)	N	
kyc_status	KYC Status	Char(1)	N	KYC Status Always “Y”
donor_mode	Donor Mode	Char(1)	Y	1. “I” (Insert) 2. “E” (Edit) Note: Edit not allowed if already modification request available in pending for Authorization.

The requested service will return the following output as response:

For Success Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Donor Successfully Inserted
    </return_msg>
  </service_response>
</NMFIIService>
```

For Failure Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Donor Name should not be empty
    </return_msg>
  </service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
return_msg	Donor Inserted Successfully

Failure:

XML Tag	Remarks
return_msg	Donor Name should not be empty

1.5.37 Method to Donor Details Report

Method Name: “**DONORDETEAILSREPORT**”

This service will allow to create new Donor Details Report

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011007072</iin>
  </service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	
password	Password	Varchar2(15)	Y	
broker_code	Broker Code	Varchar2(15)	Y	
iin	Cutomer ID	Varchar2(10)	Y	Customer ID

The requested service will return the following output as response:

For Success Case:

```

<NMFII SERVICES>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>

```

```

<service_response>
  <iin>5011216560</iin>
  <broker_code></broker_code>
  <donor_name1>Rasul</donor_name1>
  <donor1_address1>xxxx</donor1_address1>
  <donor1_address2>xxxx</donor1_address2>
  <donor1_address3>xxxx</donor1_address3>
  <donor1_city>chennai</donor1_city>
  <donor1_pincode></donor1_pincode>
  <donor1_mobilenno></donor1_mobilenno>
  <donor1_phonework></donor1_phonework>
  <donor1_phonehome></donor1_phonehome>
  <donor1_fax></donor1_fax>
  <donor1_email></donor1_email>
  <d1_accountno>5051252551</d1_accountno>
  <d1_accounttype>SB</d1_accounttype>
  <d1_bankname>HDF</d1_bankname>
  <d1_branchname>HDFC</d1_branchname>
  <d1_bankcity>Chennai</d1_bankcity>
  <d1_dateofbirth>01-Jan-1990</d1_dateofbirth>
  <d1_taxstatus>02</d1_taxstatus>
  <d1_pan>DUIPD4515B</d1_pan>
  <alternate_childname></alternate_childname>
  <alt_child_fathername></alt_child_fathername>
  <alt_child_guardianname></alt_child_guardianname>
  <alt_child_address1></alt_child_address1>
  <alt_child_address2></alt_child_address2>
  <alt_child_address3></alt_child_address3>
  <alt_child_city></alt_child_city>
  <alt_child_pincode></alt_child_pincode>
  <alt_child_taxstatus></alt_child_taxstatus>
  <alt_child_dob></alt_child_dob>
  <status>Authorized</status>
</service_response>
</NMFIISERVICES>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      IIN should not be null
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Field Description	data type	Remarks
iin	Customer id	Varchar2(10)	5011000001
broker_code	Broker code	Varchar2(15)	ARN-70214
donor_name1	Donor Name	Varchar2(70)	Rabic Raja
donor1_address1	Donor Address1	Varchar2(120)	XXXXXX
donor1_address2	Donor Address2	Varchar2(120)	XXXXXX
donor1_address3	Donor Address3	Varchar2(120)	XXXXXX
donor1_city	Donor City	Varchar2(35)	
donor1_pincode	Donor Pincode	Varchar2(15)	
donor1_mobilenno	Donor Mobile No	Varchar2(12)	
donor1_phonework	Donor Phone work	Varchar2(35)	
donor1_phonehome	Phone Home	Varchar2(35)	
donor1_fax	Donor Fax	Varchar2(35)	
donor1_email	Email address	Varchar2(128)	
d1_accountno	Donor Account Number	Varchar2(40)	512562646266
d1_accounttype	Account Type	Varchar2(5)	SB
d1_bankname	Bank Name	Varchar2(40)	HDFC
d1_branchname	Branch Name	Varchar2(40)	ITC
d1_bankcity	Bank City	Varchar2(35)	Chennai
d1_dateofbirth	Date of Birth	Date (DD-MMM-YYYY)	25-Jan-2005
d1_taxstatus	Tax Status	Varchar2(2)	06
d1_pan	Pan	Varchar2(10)	DUIDK0987E
alternate_childname	Alt. Child Name	Varchar2(70)	
alt_child_fathername	Alt. Child Father Name	Varchar2(70)	
alt_child_guardianname	Alt. Child Guardian Name	Varchar2(70)	
alt_child_address1	Alt. Child Address1	Varchar2(120)	
alt_child_address2	Alt. Child Address2	Varchar2(120)	

alt_child_address3	Alt. Child Address3	Varchar2(120)	
alt_child_city	Alt. Child City	Varchar2(35)	
alt_child_pincode	Alt. Child Pincode	Varchar2(15)	
alt_child_taxstatus	Alt Child Tax Status	Varchar2(2)	
alt_child_dob	Alt. Child DOB	Date (DD-MMM-YYYY)	
ifsc_code	IFSC Code	Varchar2(20)	HDFC0000004
micr_no	MICR No	Varchar2(20)	
kyc_status	KYC Status	Char(1)	Y
status	Status		Authorized

Failure:

XML Tag	Remarks
return_msg	No Records Found

1.5.38 Method to Donor Re Trigger Mail

Method Name: “DONORRETRIGGERMAIL”

This service will allow to create new Donor Re Trigger Mail

Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011007072</iin>
  </service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandator y	Remarks
appln_id	Appln Id	Varchar2(20)	Y	xxxxx

password	Password	Varchar2(15)	Y	xxxxx
broker_code	Broker Code	Varchar2(15)	Y	
iin	Customer ID	Varchar2(10)	Y	Customer ID

The requested service will return the following output as response:

For Success Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Retrigger Mail send successfully
    </return_msg>
  </service_response>
</NMFIIService>
```

For Failure Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found
    </return_msg>
  </service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
return_msg	Re Trigger Mail send Successfully

Failure:

XML Tag	Remarks
return_msg	No Records Found

1.5.39 Method to IIN Electronic Authentication Log

Method Name: "IIN_ELEC_AUTH_LOG"

This service will allow to update the IIN Electronic Authentication Log
Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011007072</iin>
    <fh_pan_no>STERL7852A</fh_pan_no>
    <fh_ip_address>TEST</fh_ip_address>
    <fh_electronic_date>27-Mar-2020 23:59:00</fh_electronic_date>
    <jh1_pan_no>STERL7852B</jh1_pan_no>
    <jh1_ip_address>TEST2</jh1_ip_address>
    <jh1_electronic_date>27-Mar-2020 23:59:00</jh1_electronic_date>
    <jh2_pan_no>STERG7654C</jh2_pan_no>
    <jh2_ip_address>TEST3</jh2_ip_address>
    <jh2_electronic_date>27-Mar-2020 23:59:00</jh2_electronic_date>
  </service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandator y	Remarks
appln_id	Appln Id	Varchar2(20)	Y	Xxxxx
password	Password	Varchar2(15)	Y	Xxxxx

broker_code	Broker Code	Varchar2(15)	Y	
iin	Customer ID	Varchar2(10)	Y	Customer ID
fh_pan_no	FH PAN No	Varchar2(10)	Y	FH PAN/PEKRN
fh_ip_address	FH IP Address	Varchar2(200)	Y	FH IP Address
fh_electronic_date	FH Electronic Date	Date	Y	FH Electronic Date & time DD-MMM-YYY 24HH:MM: SS
jh1_pan_no	JH1 PAN No	Varchar2(10)	Y	JH1 PAN/PEKRN
jh1_ip_address	JH1 IP Address	Varchar2(200)	Y	JH1 IP Address
jh1_electronic_date	JH1 Electronic Date	Date	Y	JH1 Electronic Date & time DD-MMM-YYY 24HH:MM: SS
jh2_pan_no	JH2 PAN No	Varchar2(10)	Y	JH2 PAN/PEKRN
jh2_ip_address	JH2 IP Address	Varchar2(200)	Y	JH2 IP Address
jh2_electronic_date	JH2 Electronic Date	Date	Y	JH2 Electronic Date & time DD-MMM-YYY 24HH:MM: SS

The requested service will return the following output as response:

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Electronic Log has been updated sucessfully for the Customer ID - XXXXXXXXXX
    </return_msg>
  </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>

```

```

    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
return_msg	Electronic Log has been updated sucessfully for the Customer ID – XXXXXXXXXX

Failure:

XML Tag	Remarks
return_msg	No Records Found

1.5.40 Method to whitelist Bank

Method Name: “**BANKWHITELIST**”

This service will allow to whitelist the registered IIN bank.
Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
  </service_request>
</NMFIIService>

```

```

        <iin>5011007072</iin>
        <acc_no>50110000200</acc_no>
        <bank_code>HDF</bank_code>
        <bank_verification_flag>Y</bank_verification_flag>
        <bank_verification_log>TEST</bank_verification_log>
    </service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	xxxxx
Password	Password	Varchar2(15)	Y	xxxxx
broker_code	Broker Code	Varchar2(15)	Y	
lin	Customer ID	Varchar2(10)	Y	Customer ID
acc_no	Account Number	Varchar2(10)	Y	Customer Account No.
bank_code	Bank Code	Varchar2(200)	Y	Customer Bank Code.
bank_verification_flag	Bank verification flag	Varchar2(1)	Y	Value should be Y / N
bank_verification_log	Bank verification log	Varchar2(500)	Y	IMPS Log

The requested service will return the following output as response:

For Success Case:

```

<NMFIIService>
    <service_status>
        <service_return_code>0</service_return_code>
        <service_msg>Success</service_msg>
    </service_status>
    <service_response>
        <return_msg>
            Bank successfully whitelisted for the Customer ID - XXXXXXXXXX
        </return_msg>
    </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
    <service_status>
        <service_return_code>1</service_return_code>
    </service_status>
</NMFIIService>

```

```

    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
return_msg	Bank successfully whitelisted for the Customer ID - XXXXXXXXXX

Failure:

XML Tag	Remarks
return_msg	No Records Found

1.5.41 Method to Activate FATCA

Method Name: **“FATCAACTIVATION”**

This service will allow to verify the FATCA registered.
Pass the input as xml format mentioned below.

```

<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <pan_pekm>ABCDE1234F</pan_pekm>
  </service_request>
</NMFIIService>

```

```

        </service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	xxxxx
password	Password	Varchar2(15)	Y	xxxxx
broker_code	Broker Code	Varchar2(15)	Y	
Pan_pekm	PAN or PEKRN	Varchar2(10)	Y	Customer PAN / PEKRN

The requested service will return the following output as response:

For Success Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      FATCA Successfully Activated for the PAN - XXXXXXXXXX
    </return_msg>
  </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found
    </return_msg>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
return_msg	FATCA Successfully Activated for the PAN - XXXXXXXXXX

Failure:

XML Tag	Remarks
return_msg	No Records Found

1.5.42 Method to PAUSE SIP Entry

Method Name: “PAUSE_SIP_ENTRY”

This service will allow to Pause SIP Details.
Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011000029</iin>
    <trans_count>1</trans_count>
  </service_request>
  <childtrans>
    <auto_trxn_no>64918</auto_trxn_no>
    <pause_from_date>01-Jul-2020</pause_from_date>
    <pause_to_date>01-Aug-2020</pause_to_date>
  </childtrans>
</NMFIIService>
```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	xxxxx
password	Password	Varchar2(15)	Y	xxxxx
broker_code	Broker Code	Varchar2(15)	Y	
IIN	Customer ID	Varchar2(10)	Y	Customer ID
Trans_Count	Transaction Count	Number(2)	Y	

Multi Transaction Table:

XML Tag	Field Description	Data Type	Mandatory	Remarks
Auto_Trxn_No	Auto Trxn No	Number(10)	Y	656
Pause_From_Date	Pause From Date	Date	Y	01-Jun-2020
Pause_To_Date	Pause To Date	Date	Y	01-Jul-2020

The requested service will return the following output as response:

For Success Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Pause SIP Successfully Activated for the Ref No -XXXXX
    </return_msg>
  </service_response>
</NMFIIService>
```

For Failure Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      No Records Found
    </return_msg>
  </service_response>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
return_msg	Pause SIP Successfully Activated for the Ref No - XXXXX

Failure:

XML Tag	Remarks
return_msg	No Records Found

1.5.43 Method to PAUSE SIP Report

Method Name: “PAUSE_SIP_REPORT”

This service will allow to Pause SIP Details.
Pass the input as xml format mentioned below.

```
<NMFIIService>
  <service_request>
    <appln_id>KGNANA</appln_id>
    <password>TEST$258</password>
    <broker_code>ARN-70209</broker_code>
    <from_date>01-Jun-2020</from_date>
    <to_date>15-Jun-2020</to_date>
    <iin></iin>
  </service_request>
</NMFIIService>
```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	xxxxx
password	Password	Varchar2(15)	Y	xxxxx
broker_code	Broker Code	Varchar2(15)	Y	
From_Date	From Date	Date	Y	
To_Date	To Date	Date	Y	
IIN	Customer ID	Varchar2(10)	N	Customer ID

The requested service will return the following output as response:

For Success Case:

```
<NMFIIService>
  <service_status>
    <service_return_code>0</service_return_code>
```

```

    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <return_msg>
      Pause SIP Successfully Activated for the Ref No -XXXXX
    </return_msg>
  </service_response>
</NMFIIService>

```

For Failure Case:

```

<NMFIIService>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
  <service_response>
    <CUSTOMER_ID>5011000029</CUSTOMER_ID>
    <INVESTOR_NAME>anil jadhav</INVESTOR_NAME>
    <BROKER_CODE>ARN-70209</BROKER_CODE>
    <USER_CODE>MFS70209</USER_CODE>
    <SOURCE_SCHEME>132DD/Aditya Birla Sun Life Savings Fund - Daily Dividend-
Regular Plan</SOURCE_SCHEME>
    <AMC_NAME>B/Birla Sun Life Mutual Fund</AMC_NAME>
    <AUTO_TRXN_TYPE>SIP</AUTO_TRXN_TYPE>
    <AUTO_TRXN_NO>63127</AUTO_TRXN_NO>
    <FOLIO_NO>1015179821</FOLIO_NO>
    <SIP_FROM_DATE>01-Nov-2018</SIP_FROM_DATE>
    <SIP_TO_DATE>01-Nov-2020</SIP_TO_DATE>
    <AMOUNT>1,200.00</AMOUNT>
    <FREQUENCY>Once a Month</FREQUENCY>
    <PERIOD_DAY>1</PERIOD_DAY>
    <NO_OF_INSTALLMENTS>25</NO_OF_INSTALLMENTS>
    <UNIQUE_REF_NO>654197</UNIQUE_REF_NO>
    <REGISTRATION_DATE>12-Sep-2018</REGISTRATION_DATE>
    <APPLICATION_REC'D_DATE>01-Aug-2017</APPLICATION_REC'D_DATE>
    <ACH_MANDATE_STATUS>ACCEPTED</ACH_MANDATE_STATUS>
    <ACHAMOUNT>500,000.00</ACHAMOUNT>
    <DEBIT_AMOUT_TYPE>Maximum</DEBIT_AMOUT_TYPE>
    <ACH_FROM_DATE>13-Jul-2017</ACH_FROM_DATE>
    <ACH_TO_DATE>31-Dec-2099</ACH_TO_DATE>
    <UMRN_NO>URMN00098989</UMRN_NO>
    <ACC_NO>5010546446666</ACC_NO>
    <BANK_NAME>HDFC Bank Ltd</BANK_NAME>
    <PAUSE_START_DATE>16-Jul-2020</PAUSE_START_DATE>
    <PAUSE_END_DATE>01-Aug-2020</PAUSE_END_DATE>
    <PAUSE_ENTRY_DATE>2020-06-08T12:33:38+05:30</PAUSE_ENTRY_DATE>
  </service_response>
</NMFIIService>

```

Output data as table format:

For Service Status:

Success:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

XML Tag	Field Description	data type	Remarks
Customer_id	Customer ID	Varchar2(10)	5011000001
Investor_name	Investor Name	Varchar2(70)	Test
broker_code	Broker code	Varchar2(15)	ARN-70214
User_code	User Code	Varchar2(20)	KGNANA
Source_scheme	Source Scheme	Varchar2(120)	132DD/Aditya Birla Sun Life Savings Fund - Daily Dividend-Regular Plan
Amc_name	AMC Name	Varchar2(120)	B/Birla Sun Life Mutual Fund
Auto_Trxn_Type	Auto Trxn Type	Varchar2(3)	SIP
Auto_Trxn_No	Auto Trxn No	Varchar2(10)	64646
Folio_no	Folio No	Varchar2(20)	5431331
Sip_from_date	SIP From Date	Date	01-Nov-2018
Sip_to_date	SIP To Date	Date	01-Nov-2020
Amount	Amount	Varchar2(50)	1,200.00
Frequency	Frequency	Varchar2(35)	Once a Month
Period_day	Period Day	Number(2)	1
No_of_installments	No Of Installments	Number(3)	25
Unique_ref_no	Unique_Ref_no	Varchar2(10)	654197
Registration_date	Registration_Date	Date	12-Sep-2018
Application_recd_date	Application Recd Date	Date	01-Aug-2017
Ach_mandate_status	ACH Mandate Status	Varchar2(35)	Accepted
AchAmount	ACHAmount	Varchar2(20)	50000
Debit_Amount_Type	Debit Amount Type	Varchar2(20)	Maximum
ACH_from_date	ACH From Date	Date	13-Jul-2017
ACH_To_Date	ACH To Date	Date	31-Dec-2099
Umrn_no	UMRN No	Varchar2(25)	URMN00098989
Acc_no	Account No	Varchar2(50)	5010546446666
Bank_name	Bank Name	Varchar2(120)	HDFC Bank Ltd

Pause_start_date	Pause Start Date	Date	16-Jul-2020
Pause_end_date	Pause End Date	Date	01-Aug-2020
Pause_Entry_Date	Pause Entry Date	Date	2020-06-08T12:33:38+05:30

For Service Response:

Success:

XML Tag	Remarks
return_msg	Pause SIP Successfully Activated for the Ref No - XXXXX

Failure:

XML Tag	Remarks
return_msg	No Records Found

1.5.44 Method to EMANDATE RETRIGGER

Method Name: “EMANDATE_RETRIGGER”

This service will allow to eMandate Retrigger mail. Pass the input as xml format mentioned below.

```
<?xml version="1.0" encoding="UTF-8"?>
<NMFIIService>
  <service_request>
    <appln_id>RASUL</appln_id>
    <password>Test$258</password>
    <broker_code>ARN-70209</broker_code>
    <iin>5011000234</iin>
    <unique_ref_no_feed>781786</unique_ref_no_feed>
  </service_request>
</NMFIIService>
```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	xxxxx

password	Password	Varchar2(15)	Y	xxxxx
broker_code	Broker Code	Varchar2(15)	Y	
IIN	Customer ID	Varchar2(10)	Y	5011000029
Unique_ref_no_feed	Unique Ref no feed	Varchar2(20)	Y	781786

The requested service will return the following output as response:

For Success Case: EMANDATE_TYLE (**ONLINE**)

```
<NMFIISERVICES>
  <service_response>
    <Unique_No>789781</Unique_No>
    <eMandatelink>http://uat.nsenmf.com/Admin/MFDACHeMandateConfirmation.aspx?5E9Fh3RwTsYv3Xhk7KijyxCKDbMLdrnfcXUWOmUk%2fOYn2Y4o0Q51OwE32iizlw9%2fAv7mnvnC0OEz6g%2bOHLHAClqBvqkYvi2QrADsm1A9zro6H2JZ0ZPwwPp8SidQr0OobQe7VZZeEpggyu2P5BdrYOKIntEWp734azSuEJIoTtmNObY%2fjwJlpdRcdnJuF%2fReE01%2btBtPHXtHUV2h78rT9g3hzbzs%2bAH1IT0NwdFG2tA%3d</eMandatelink>
  </service_response>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</NMFIISERVICES>
```

For Success Case: EMANDATE_TYLE (**EMAIL**)

```
<NMFIISERVICES>
  <service_response>
    <Unique_No>658206</Unique_No>
    <Status_Desc>Email Send Successfully</Status_Desc>
  </service_response>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</NMFIISERVICES>
```

For Failure Case:

```
<NMFIISERVICES>
  <service_response>
    <return_msg>No Records Found</return_msg>
    <Status_Desc>No Record Found</Status_Desc>
  </service_response>
  <service_status>
    <service_return_code>1</service_return_code>
```

```

    <service_msg>Failure</service_msg>
  </service_status>
</NMFIISERVICES>

```

Output data as table format:

For Service Status:

Success:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
Status_desc	Email Send Successfully

Failure:

XML Tag	Remarks
return_msg	No Record Found.

1.5.45 Method to EKYC REGISTRATION

Method Name: “**eKYC_REGISTRATION**”

This service will allow to register Video KYC. Pass the input as xml format mentioned below.

```

<?xml version="1.0" encoding="UTF-8"?>
<NMFIIService>
  <service_request>
    <appln_id>RASUL</appln_id>
    <password>Test$258</password>
    <broker_code>ARN-70209</broker_code>
    <pan>VFCDD1212C</pan>
    <amc_code>H</amc_code>
    <investor_email>rasul@gmail.com</investor_email>
    <investor_mobile_no>9791465323</investor_mobile_no>
  </service_request>
</NMFIIService>

```



```

    <return_flag>N</return_flag>
    <client_callback_url></client_callback_url>
  </service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	xxxxxx
password	Password	Varchar2(15)	Y	xxxxxx
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
pan	PAN	Varchar2(10)	Y	ABCDP0123P
amc_code	AMC Code	Varchar2(10)	Y	H
Investor_email	Investor Email	Varchar2(100)	Y	Test@gmail.com
Investor_mobile_no	Investor Mobile No	Varchar2(15)	Y	9876543210
return_flag	Return Flag	Varchar2(10)	N	Value should be “Y” or “N”
client_callback_url	Client Call back URL	Varchar2(100)	N	<p>Mandatory If Return Flag is “Y”.</p> <p>EKYC registration will be SUCCESS or FAILURE. For FAILURE case, Error message will be passed in the ErrorDesc Parameter and for SUCCESS ErrorCode and ErrorDesc Parameter value will be blank.</p> <p>Failure :</p> <p>http://YourURL?PAN_ID=AB CDE1234A&Staus=N&Error Code=EK-150&ErrorDesc=PAN usage exceeds daily limit</p> <p>Success :</p> <p>http://YourURL?PAN_ID=AB CDE1234A&Staus=Y&Error Code=&ErrorDesc=</p>

The requested service will return the following output as response:

For Success Case: RETURN_FLAG is Y

```
<NMFIISERVICES>
  <service_response>
    <PAN>VFCDD1212C</PAN>
    <Status_Desc>eKYC Successfully Registered for the PAN -
VFCDD1212C</Status_Desc>
    <eKycLink>https://uat.nsenmf.com/eKYC/%20NMFIIEKYCConfirmation.aspx?cGJqW0JsfdvX%2bv26exWW0%2fSIULWi51jX3KjGFW1IvJxnXgHsa%2fQSNp4Fvtp9I9rzSx0237TrfPpD68QrV8jmlA%3d%3d</eKycLink>
  </service_response>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</NMFIISERVICES>
```

For Success Case: RETURN_FLAG is N

```
<NMFIISERVICES>
  <service_response>
    <PAN>VFCDD1212C</PAN>
    <Status_Desc>eKYC Successfully Registered for the PAN - VFCDD1212C</Status_Desc>
  </service_response>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</NMFIISERVICES>
```

For Failure Case:

```
<NMFIISERVICES>
  <service_response>
    <return_msg>Invalid Pan Format</return_msg>
    <Status_Desc>Invalid Pan Format</Status_Desc>
  </service_response>
  <service_response>
    <return_msg>Mandatory Validation Failed.</return_msg>
    <Status_Desc>Mandatory Validation Failed.</Status_Desc>
  </service_response>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
</NMFIISERVICES>
```

Output data as table format:

For Service Status:

Success:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
Status_desc	eKYC Successfully Registered for the P AN - VFCDD1212C

Failure:

XML Tag	Remarks
return_msg	No Record Found.

1.5.46 Method to eKYC RETRIGGER

Method Name: “**eKYC_RETRIGGER**”

This service will allow to eKYC Retrigger mail. Pass the input as xml format mentioned below.

```
<?xml version="1.0" encoding="UTF-8"?>
<NMFIIService xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <service_request>
    <appln_id>RASUL</appln_id>
    <broker_code>ARN-70209</broker_code>
    <password>TEST$258</password>
    <pan>VFCDD1212C</pan>
    <return_flag>Y</return_flag>
  </service_request>
</NMFIIService>
```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	xxxxx
password	Password	Varchar2(15)	Y	xxxxx
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
pan	PAN	Varchar2(10)	Y	VFCDD1212C
return_flag	Return Flag	Varchar2(5)	N	Value should be Y or N

The requested service will return the following output as response:

For Success Case: Return_flag is Y

```
<NMFIISERVICES>
  <service_response>
    <PAN>VFCDD1212C</PAN>
    <eKyclink>
https://uat.nsenmf.com/eKYC/NMFII\_eKYCConfirmation.aspx?53xkv1P4eJFRQI20xSo1UMrG7mFeTFeZr8x24dpcSekC24qMvUa8mTsfsUiKU9PqOqCZVFMsIRDdzRYyHDXn6g%3d%3d</eKyclink>
  </service_response>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</NMFIISERVICES>
```

For Success Case: Return_flag is N

```
<NMFIISERVICES>
  <service_response>
    <PAN>VFCDD1212C</PAN>
    <Status_Desc>Email Send Successfully</Status_Desc>
  </service_response>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</NMFIISERVICES>
```

For Failure Case:

```
<NMFIISERVICES>
  <service_response>
    <return_msg>No Record found for the PAN.</return_msg>
  </service_response>
```

```

<service_status>
  <service_return_code>1</service_return_code>
  <service_msg>Failure</service_msg>
</service_status>
</NMFIISERVICES>

```

Output data as table format:

For Service Status:

Success:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
Status_desc	Email Send Successfully

Failure:

XML Tag	Remarks
return_msg	No Record Found.

1.5.47 Method to EKYC STATUS REPORT

Method Name: “eKYC_STATUS_REPORT”

This service will allow to eKYC Status Report. Pass the input as xml format mentioned below.

```

<?xml version="1.0" encoding="UTF-8"?>
<NMFIIService>
  <service_request>
    <appln_id>RASUL</appln_id>
    <password>test$258</password>
    <broker_code>ARN-70209</broker_code>
    <pan />
    <from_date>01-Dec-2020</from_date>
  </service_request>
</NMFIIService>

```

```

    <to_date>03-Dec-2020</to_date>
  </service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	Xxxxx
Password	Password	Varchar2(15)	Y	Xxxxx
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
Pan	PAN	Varchar2(10)	N	VFCDD1212C
from_date	From date	Date	Y	Value should be 01-Dec-2020
to_date	To date	Date	Y	Value should be 03-Dec-2020

The requested service will return the following output as response:

For Success Case:

```

<?xml version="1.0" encoding="UTF-8"?>
<NMFIISERVICES>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <PAN>VBGGR1212G</PAN>
    <DISTRIBUTOR_NAME>TEST</DISTRIBUTOR_NAME>
    <VERIFY_STATUS>No</VERIFY_STATUS>
  </service_response>
  <service_response>
    <PAN>SFGFF1212G</PAN>
    <DISTRIBUTOR_NAME>TEST</DISTRIBUTOR_NAME>
    <VERIFY_STATUS>No</VERIFY_STATUS>
  </service_response>
</NMFIISERVICES>

```

For Failure Case:

```

<?xml version="1.0" encoding="UTF-8"?>
<NMFIISERVICES>
  <service_response>
    <return_msg>Please provide From Date to view Report.</return_msg>
  </service_response>
  <service_response>
    <return_msg>Please enter valid From Date.</return_msg>
  </service_response>
</NMFIISERVICES>

```

```

<service_response>
  <return_msg>Please enter valid To Date.</return_msg>
</service_response>
<service_response>
  <return_msg>Error occurred while processing chkeKYCStatusReportMandatory</return_
msg>
</service_response>
<service_response>
  <return_msg>Error occurred while processing eKYC_STATUS_REPORT</return_msg>
</service_response>
<service_status>
  <service_return_code>1</service_return_code>
  <service_msg>Failure</service_msg>
</service_status>
</NMFIISERVICES>

```

Output data as table format:

For Service Status:

Success:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

XML Tag	Field Description	data type	Remarks
PAN	PAN	Varchar2(10)	VBGGR1212G
DISTRIBUTOR_NAME	Distributor Name	Varchar2(70)	Test
VERIFY_STATUS	Verify Status	Varchar2(10)	Yes or No

Failure:

XML Tag	Remarks
return_msg	No Records Found.

1.5.48 Method to GET_ELIGIBLE_MANDATES

Method Name: “**GET_ELIGIBLE_MANDATES**”

This service will allow to get the Mandate Details which can be allowed for Cancellation. Pass the input as xml format mentioned below.

```
<?xml version="1.0" encoding="UTF-8"?>
```

```

<NMFIIService>
  <service_request>
    <appln_id>RASUL</appln_id>
    <password>test$258</password>
    <broker_code>ARN-70209</broker_code>
    <cust_id>5011000029</cust_id>
  </service_request>
</NMFIIService>

```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory
appln_id	Appln Id	Varchar2(20)	Y
password	Password	Varchar2(15)	Y
broker_code	Broker Code	Varchar2(15)	Y
Cust_id	Customer ID	Varchar2(10)	Y

The requested service will return the following output as response:

For Success Case:

```

<?xml version="1.0" encoding="UTF-8"?>
<NMFII SERVICES>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <UNIQUE_REF_NO_FEED>282882</UNIQUE_REF_NO_FEED>
    <BANK_NAME>Union Bank of India</BANK_NAME>
    <AC_NO>316902010081732</AC_NO>
    <ACC_TYPE>Savings Account</ACC_TYPE>
    <ACH_AMOUNT>10000000</ACH_AMOUNT>
    <ACH_FROMDATE>16-Aug-2016</ACH_FROMDATE>
    <ACH_ENDDATE>31-Dec-2999</ACH_ENDDATE>
    <DEBIT_AMOUNT_TYPE>Maximum</DEBIT_AMOUNT_TYPE>
    <UMRN_NO>UBIN0000000000436303</UMRN_NO>
    <ENTRY_DATE>13-Oct-2016 12:00:00 AM</ENTRY_DATE>
    <MANDATE_ID_NO>47193</MANDATE_ID_NO>
    <ACH_MANDATE_STATUS>ACCEPTED</ACH_MANDATE_STATUS>
    <CUSTOMER_ID>5011000029</CUSTOMER_ID>
    <INVESTOR_NAME>chandrasekar</INVESTOR_NAME>
  </service_response>
</service_status>

```



```

        <service_return_code>0</service_return_code>
        <service_msg>Success</service_msg>
    </service_status>
</NMFIISERVICES>

```

For Failure Case:

```

<?xml version="1.0" encoding="UTF-8"?>
<NMFIISERVICES>
    <service_response>
        <return_msg>No Records Found.</return_msg>
    </service_response>
    <service_status>
        <service_return_code>1</service_return_code>
        <service_msg>Failure</service_msg>
    </service_status>
</NMFIISERVICES>

```

Output data as table format:

For Service Status:

Success:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

XML Tag	Field Description	data type	Remarks
UNIQUE_REF_NO_FEED	Unique Ref No Feed	Varchar2(20)	282882
BANK_NAME	Bank Name	Varchar2(100)	Union Bank Of India
AC_NO	Account No	Varchar2(50)	316902010081732
ACC_TYPE	Account Type	Varchar2(50)	Savings Account
ACH_AMOUNT	ACH Amount	Number(25, 8)	100000
ACH_FROMDATE	ACH From Date	Date	13-Jan-2021
ACH_ENDDATE	ACH End Date	Date	13-Jan-2099
DEBIT_AMOUNT_TYPE	Debit Amount Type	Varchar2(10)	Maximum
UMRN_NO	UMRN	Varchar2(40)	UBIN0000000000436303
ENTRY_DATE	Entry Date	Date	01-Jan-2021
MANDATE_ID_NO	Mandate ID No	Varchar2(20)	47193
ACH_MANDATE_STATUS	ACH Mandate Status	Varchar2(10)	ACCEPTED
CUSTOMER_ID	Customer ID	Varchar2(10)	5011000029
INVESTOR_NAME	Investor Name	Varchar2(50)	chandrasekar

Failure:

XML Tag	Remarks
return_msg	No Records Found.

1.5.49 Method to MANDATE_CANCELLATION

Method Name: “MANDATE_CANCELLATION”

This service will allow to cancel the Mandate. Pass the input as xml format mentioned below.

```
<?xml version="1.0" encoding="UTF-8"?>
<NMFIIService>
  <service_request>
    <appln_id>RASUL</appln_id>
    <password>Test$258</password>
    <broker_code>ARN-70209</broker_code>
    <cust_id>5011000029</cust_id>
    <return_flag>N</return_flag>
    <investor_auth_log></investor_auth_log>
  </service_request>
  <childtrans>
    <umrn>UBIN0000000000436303</umrn>
    <unique_ref_no_feed>6071800132</unique_ref_no_feed>
  </childtrans>
</NMFIIService>
```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	Xxxxx
Password	Password	Varchar2(15)	Y	Xxxxx
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
Cust_id	Customer ID	Varchar2(10)	Y	5011000029
Return_flag	Return Flag	Char(1)	N	Value should be “Y” or “N”
Investor_Auth_Log	Investor Auth Log	Char(1)	N	This is enabled for privileged ARN. Investor Auth Log is mandatory, they have to provide Investor IP

				Address, Date & time. Based on this we will directly Cancel the eligible Mandate without sending SMS / Email Communication. We will send only confirmation SMS / Email communication. Value should be Investor IP Address, Date time of investor.
--	--	--	--	--

The requested service will return the following output as response:

For Success Case: RETURN_FLAG is N

```
<NMFIISERVICES>
  <service_response>
    <return_msg>Cancellation Request Email Has Been Sent Successfully</return_msg>
    <MANDATE_CANCELLED_SEQ_NO>1210</MANDATE_CANCELLED_SEQ_NO>
  </service_response>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</NMFIISERVICES>
```

For Success Case: RETURN_FLAG is Y

```
<NMFIISERVICES>
  <service_response>
    <return_msg>Cancellation Request Initiated Successfully</return_msg>
    <MANDATE_CANCELLED_SEQ_NO>1209</MANDATE_CANCELLED_SEQ_NO>
  </service_response>
  <service_status>
    <Cancellation_Link>https://uat.nsenmf.com/Admin\_New/NMFII\_Mandate\_Cancellation\_Confirm.aspx?RYLX7cNIImrejZ8Lk%2bzU13JSksPXjEFOFfBuULmuYKZeSU1EhnrXYcyGkfnjAoU1yieTALZJK4UARrRbywUmnWkX4iFfmi2Hu%2bgJDAhmqIKwLte4AfQoEsepjfvOVLgrMy5MfMkWJw3AKn3QjJudh%2fcpY0qamAi2hIkhUM1fzcciMnrfyi%2b2tHiVQrzyZmiIa%2bk7KU99QVKUZHsk%2fbxsFbxTz4yw%3d</Cancellation_Link>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</NMFIISERVICES>
```

For Success Case: Investor Auth Log is Y

```
<NMFIISERVICES>
  <service_response>
    <return_msg>Cancellation of UMRN is Successfully Accepted</return_msg>
```

```

    <MANDATE_CANCELLED_SEQ_NO>1210</MANDATE_CANCELLED_SEQ_NO>
  </service_response>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</NMFIISERVICES>

```

For Failure Case:

```

<NMFIISERVICES>
  <service_response>
    <return_msg>Cancellation of UMRN is failed to Accept</return_msg>
    <Status_Desc>Cancellation of UMRN is failed to Accept</Status_Desc>
  </service_response>
  <service_response>
    <return_msg>Mandatory Validation Failed. </return_msg>
    <Status_Desc>Mandatory Validation Failed. </Status_Desc>
  </service_response>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
</NMFIISERVICES>

```

Output data as table format:

For Service Status:

Success:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
Status_desc	Cancellation Request Email Has Been Sent Successfully
Mandate_Cancelled_seq_no	Unique Number will be generated for Mandate Cancellation

Failure:

XML Tag	Remarks
return_msg	No Record Found.

1.5.50 Method to MANDATE_CANCELLATION_RETRIGGER

Method Name: “**MANDATE_CANCELLATION_RETRIGGER**”

This service will allow to Retrigger the Mandate Cancellation mail. Pass the input as xml format mentioned below.

```
<?xml version="1.0" encoding="UTF-8"?>
<NMFIIService xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <service_request>
    <appln_id>RASUL</appln_id>
    <broker_code>ARN-70209</broker_code>
    <password>TEST$258</password>
    <cust_id>5011000029</cust_id>
    <MANDATE_CANCELLED_SEQ_NO>1210</MANDATE_CANCELLED_SEQ_NO>
    <return_flag>N</return_flag>
  </service_request>
</NMFIIService>
```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	Xxxxx
Password	Password	Varchar2(15)	Y	Xxxxx
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
Cust_id	Customer ID	Varchar2(10)	Y	5011000029
Mandate_cancelled_seq_no	Mandate Cancelled Seq No	Varchar2(20)	Y	Kindly refer ACH Mandate Report to get the Mandate Cancelled Sequence Number. 1210
return_flag	Return Flag	Varchar2(5)	N	Value should be Y or N

The requested service will return the following output as response:

For Success Case: Return_flag is N

```
<NMFII SERVICES>
```

```

<service_response>
  <Status_Desc>Cancellation Request Email Has Been Sent Successfully</Status_Desc>
  <MANDATE_CANCELLED_SEQ_NO>1210</MANDATE_CANCELLED_SEQ_NO>
</service_response>
<service_status>
  <service_return_code>0</service_return_code>
  <service_msg>Success</service_msg>
</service_status>
</NMFIISERVICES>

```

For Success Case: Return_flag is Y

```

<NMFIISERVICES>
  <service_response>
    <return_msg>Cancellation Request Initiated Successfully</return_msg>
    <MANDATE_CANCELLED_SEQ_NO>1210</MANDATE_CANCELLED_SEQ_NO>
  </service_response>
  <service_status>
    <Cancellation_Link>https://uat.nsenmf.com/Admin New/NMFII Mandate Cancellation Confirmation.aspx?RYLX7cNImrejZ8Lk%2bzU13JSksPXjEFOFfBuULmuYKZeSU1EhnrXYcyGkfnjAoU1yieTALZJK4UAERbBywUmnWkX4iFfmi2Hu%2bgJDAhmqIKwLte4AfQoEsepjfvOVLgrMy5MfMkWJw3AKn3QjJudh%2fcpYOqamAi2hIkhUM1fzcciMnrfyi%2b2tHiVQrzyZmiIa%2bk7KU99QVKUZHsk%2fbxsFbxTz4yw%3d</Cancellation_Link>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
</NMFIISERVICES>

```

For Failure Case:

```

<NMFIISERVICES>
  <service_response>
    <return_msg>No Record Found. </return_msg>
  </service_response>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
</NMFIISERVICES>

```

Output data as table format:

For Service Status:

Success:

XML Tag	Remarks
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
Status_desc	Email Send Successfully

Failure:

XML Tag	Remarks
return_msg	No Record Found.

1.5.51 Method to RELATIONSHIP STATUS RETRIGGER

Method Name: "RELATIONSHIP_STATUS_RETRIGGER"

This service will allow to Retrigger the Relationship Status mail. Pass the input as xml format mentioned below.

```
<?xml version="1.0" encoding="UTF-8"?>
<NMFIIService>
  <service_request>
    <appln_id>RASUL</appln_id>
    <password>Test$258</password>
    <broker_code>ARN-70209</broker_code>
    <cust_id>5011007425</cust_id>
    <return_flag>N</return_flag>
  </service_request>
</NMFIIService>
```

Input data as table format:

XML Tag	Field Description	Data Type	Mandatory	Remarks
appln_id	Appln Id	Varchar2(20)	Y	Xxxxx
Password	Password	Varchar2(15)	Y	Xxxxx
broker_code	Broker Code	Varchar2(15)	Y	ARN-70209
Cust_id	Customer ID	Varchar2(10)	Y	5011000029
return_flag	Return Flag	Varchar2(5)	N	Value should be Y or N

The requested service will return the following output as response:

For Success Case: Return flag is N

```
<NMFIISERVICES>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
  </service_status>
  <service_response>
    <return_msg>Email Sent Successfully</return_msg>
  </service_response>
</NMFIISERVICES>
```

For Success Case: Return flag is Y

```
<NMFIISERVICES>
  <service_status>
    <service_return_code>0</service_return_code>
    <service_msg>Success</service_msg>
    <Communication_Link>https://uat.nsenmf.com/Admin\_New/NMFII\_UpdateIINRelationship.aspx?b%2f2%2bV5UOsm%2b8aVamCZATRX0mhexYAPbdIQ0E2VF1os55YYrPNRTGIBnY6islzbqTyam9fh9KvltNDPkGUMKqHg7QRmmcOGmyGI9CgHaIM%2bjmmq1RezUgPfECe9JVb2%2f</Communication_Link>
  </service_status>
  <service_response>
    <return_msg>Retriggered Successfully</return_msg>
  </service_response>
</NMFIISERVICES>
```

For Failure Case:

```
<NMFIISERVICES>
  <service_response>
    <return_msg>Already Relationship status updated for this IIN. </return_msg>
  </service_response>
  <service_response>
    <return_msg>Business Validation Failed. </return_msg>
  </service_response>
  <service_status>
    <service_return_code>1</service_return_code>
    <service_msg>Failure</service_msg>
  </service_status>
```


</NMFIISERVICES>

Output data as table format:

For Service Status:

Success:

XML Tag	Remarks
Service_return_code	0 / 1
Service_msg	(0) Success / (1) Failure

For Service Response:

Success:

XML Tag	Remarks
Status_desc	Email Send Successfully.

Failure:

XML Tag	Remarks
Return_msg	No Records Found.

1.16 Document Change History

Date	Version	Change Reference
12-Jun-2015	1.0 to 1.3	Document Created and updated
31-Aug-2015	1.4	Date format changed to dd-Mon-yyyy, Nominee flag modified with new values
31-Aug-2015	1.5	activation_flag added in 1.5.2 method response and user_type removed
13-Oct-2015	1.6	XML Tag changed txn_acceptance instead of txn_through in 1.5.6 section
03-Nov-2015	1.7	Removed broker_loc_code XML tag in 1.5.3, 1.5.4 ,1.5.5 ,1.5.6 and Tag changed txn_no instead of auto_txn_no in 1.5.7 section., XML Tag Changed unique_no instead of payment_ref_no in 1.5.8 section
15-Dec-2015	1.8	Remarks updated for Bank and Billdesk_Bank Tag 1.5.3 section, New Method added ALLIINDETAILS 1.5.9 section, UAT URL Changed 1.5.12 section
19-Jan-2016	1.9	Added new response fields in switchtxn and redeemtxn methods , Added new response fields in Purchase, switchtxn, and redeemtxn, SysTxnReg methods
02-Feb-2016	2.0	Add new method FATCAKYCUBOREG and FATCA Validation Implemented in Purchase, Redemption, Switch and Systematic Registration.
19-Feb-2016	2.1	Added new method Edit Customer Details and IIN Modification Status In 1.5.11,1.5.12 section, Added New fields ach_amt,ach_fromdate,ach_todate,umrn and until_canceled in Purchase and Systematic registration method in 1.5.3 &1.5.6 section. Added Product Long Name in IINTrxnInfo Method
04-Mar-2016	2.2	Added ACH Mandate Registration Method in 1.5.13 Section, Added ACH Mandate Report Method in 1.5.14 Section, Removed cease_date tag in CEASESIP method in 1.5.7 Section, Txn_execution is made non mandatory in 1.5.3 &1.5.4 Section, IINTRXNINFO and INVSTATICINFO Disabled
04-Mar-2016	2.3	PURCHASETRXN Method : Changed Tag Name from sip_instrm_no to sip_acc_no in 1.5.3 Section, CEASESIP Method : Removed amc, folio, product_code, txn_type tag in 1.5.7 Section, FATCAKYCUBOREG Method: occ_code, source_wealth, ubo_occ_code is made non-mandatory in 1.5.10 section
16-Mar-2016	2.4	Added Systematic Cease Report Method in 1.5.15 Section, Added Systematic Registration Report Method in 1.5.16 Section, After IIN Creation - Mail with PDF Attachment is implemented. 1.5.1 Section, In Redemption Txn- Units will be passed based on All Units Flag 'Y'. Units will be Mandatory only for All Units Flag 'N'.
18-Mar-2016	2.5	Tax Status remarks updated for CREATECUSTOMER Method in section 1.5.1
20-Apr-2016	2.6	Added Get IIN Method in 1.5.17 Section
18-May-2016	2.7	Added new response fields Return_paymnt_flag,Client_callback_url, and added new response fields Paymentlink in PURCHASETRXN method 1.5.3 section

Date	Version	Change Reference
01-Jun-2016	2.8	<ol style="list-style-type: none"> 1. ACH From Date and ACH To Date Validation build in PURCHASETRXN Method 1.5.3 Section and SYSTRXNREG Method 1.5.6 Section. 2. Made ACH From Date, ACH To Date and IIN as conditional Mandatory in ACH Mandate Registration Report in section 1.5.13 3. NIGO_REMARKS Made mandatory in CEASESIP Method in section 1.5.7
08-Jun-2016	2.9	Additional Payment Mode enabled in API (RTGS/NEFT, Cheque, Demand Draft, Debit Mandate) in PurchaseTRXN Method 1.5.3 section.
27-Jun-2016	3.0	<ol style="list-style-type: none"> 1. Added new response field Status_Code and Status_Desc in PURCHASETRXN Method 1.5.3, REDEEMTRXN Method 1.5.4, SWITCHTRXN Method 1.5.5 and SYSTRXNREG Method 1.5.6 Section. 2. Added new response field Paymentlink in PURCHASETRXN Method 1.5.3 section. 3. If closing balance is "0" for the given folio and scheme then error message will be thrown as "Balance not available" for Redemption and Switch Transactions.
09-Aug-2016	3.1	<p>Added Additional Bank Mandate Registration Method in 1.5.18 Section</p> <p>Added Additional Bank Mandate Report Method in 1.5.19 Section</p>
29-Sep-2016	3.2	Added CHANGECUSTOMERDATA Method in 1.5.20 Section.
05-Oct-2016	3.3	Added tag process_mode in CREATECUSTOMER for IIN Digitization Method in 1.5.1
25-Oct-2016	3.3	Added response tag unique_no and status_desc in ACHMANDATEREGISTRATIONS Method in 1.5.13 Section.
11-Nov-2016	3.4	Added FATCAENQUIRY Method in 1.5.21 Section.
14-Nov-2016	3.4	SIP Period Day remarks updated in both PURCHASETRXN Method 1.5.3 and SYSTRXNREG Method 1.5.6 Section.
18-Nov-2016	3.4	<p>Added request and response tag input_ref_no in PURCHASETRXN Method 1.5.3, REDEEMTRXN Method 1.5.4, SYSTRXNREG Method 1.5.6 Section and SWITCHTRXN Method 1.5.5</p> <p>Added request tag ceasetrxn_type CEASESIP Method in section 1.5.7</p>
11-Nov-2016	3.4	Added FATCAENQUIRY Method in 1.5.21 Section.
14-Nov-2016	3.4	SIP Period Day remarks updated in both PURCHASETRXN Method 1.5.3 and SYSTRXNREG Method 1.5.6 Section.
18-Nov-2016	3.4	<p>Added request and response tag input_ref_no in PURCHASETRXN Method 1.5.3, REDEEMTRXN Method 1.5.4, SYSTRXNREG Method 1.5.6 Section and SWITCHTRXN Method 1.5.5</p> <p>Added request tag ceasetrxn_type CEASESIP Method in section 1.5.7</p>
11-Nov-2016	3.4	Added FATCAENQUIRY Method in 1.5.21 Section.
14-Nov-2016	3.4	SIP Period Day remarks updated in both PURCHASETRXN Method 1.5.3 and SYSTRXNREG Method 1.5.6 Section.

Date	Version	Change Reference
18-Nov-2016	3.4	Added request and response tag input_ref_no in PURCHASETRXN Method 1.5.3, REDEEMTRXN Method 1.5.4, SYSTRXNREG Method 1.5.6 Section and SWITCHTRXN Method 1.5.5 Added request tag ceasetrxn_type CEASESIP Method in section 1.5.7
22-Nov-2016	3.5	Added request tag jh1_email, jh1_mobile_no, jh2_email, jh2_mobile_no in CREATECUSTOMER Method in 1.5.1 and CHANGECUSTOMERDATA Method in 1.5.20
26-Dec-2016	3.6	Added bank_holder_name Tag in ACHMANDATEREGISTRATIONS Method in 1.5.13, PURCHASETRXN Method 1.5.3, SYSTRXNREG Method 1.5.6 Section.
02-Jan-2017	3.7	Added iin_conf_flag Tag in CREATECUSTOMER Method in 1.5.1, PURCHASETRXN Method 1.5.3, REDEEMTRXN Method 1.5.4 Section, SWITCHTRXN Method 1.5.5 Section.
02-Feb-2017	3.8	Added trxn_initiator Tag in PURCHASETRXN Method 1.5.3, REDEEMTRXN Method 1.5.4 Section, SWITCHTRXN Method 1.5.5 Section.
02-Feb-2017	3.8	Removed Mandatory Validation of Bank_Code, ACC_No, IFSC Code for Payment Mode Cheque, Demand Draft and Pay Order in PURCHASETRXN Method 1.5.3
07-Feb-2017	3.9	1. cKYC Changes - Added new tags fh_ckyc, fh_ckyc, fh_ckyc_refno, guard_ckyc, guard_ckyc_refno, jh1_ckyc, jh1_ckyc_refno, jh2_ckyc, jh2_ckyc_refno in CREATECUSTOMER Method in 1.5.1 and CHANGECUSTOMERDATA Method in 1.5.20 Section. 2. Added new tags Bank_holder_name, Bank_holder_name1, Bank_holder_name2 in PURCHASETRXN Method 1.5.3, SYSTRXNREG Method 1.5.6 Section and ACHMANDATEREGISTRATIONS Method in 1.5.13.
10-Feb-2017	3.9	Added new response fields fh_ckyc, fh_ckyc, fh_ckyc_refno, guard_ckyc, guard_ckyc_refno, jh1_ckyc, jh1_ckyc_refno, jh2_ckyc, jh2_ckyc_refno in IINDETAILS Method 1.5.2
15-Feb-2017	3.9	Added SUBMITUTRNUMBER Method in 1.5.24 Section.
27-Feb-2017	4.0	Remarks updated in sip_paymech for ACH Mandate details are required or not in PURCHASETRXN Method 1.5.3 and SYSTRXNREG Method 1.5.6 Section
03-Mar-2017	4.1	Verify_status field added in FATCAENQUIRY Method 1.5.21
09-Mar-2017	4.1	Added new response field Bank_code in ADDLBANKMANDATEREPORT Method 1.5.19
16-Mar-2017	4.2	Added new response field iin_deactivation_reason and iin_deactivation_date in IINDETAILS Method 1.5.2 and ALLIINDETAILS 1.5.9 section
23-Mar-2017	4.3	FT_ACC_NO tag added in PURCHASETRXN Method 1.5.3, REDEEMTRXN Method 1.5.4. SOURCE_FT_ACC_NO and TARGET_FT_ACC_NO tags added in SWITCHTRXN Method 1.5.6, SYSTRXNREG Method 1.5.6
29-Mar-2017	4.4	Added new response field jh1_communication_email, jh1_communication_mobile, jh2_communication_email and jh2_communication_mobile in IINDETAILS Method 1.5.2 and ALLIINDETAILS 1.5.9 section
30-Mar-2017	4.5	Added ERROR_CODE response Tag in PURCHASETRXN Method 1.5.3, REDEEMTRXN Method 1.5.4 Section, SWITCHTRXN Method 1.5.5 Section.

Date	Version	Change Reference
27-Apr-2017	4.6	Added new response field investor_name in ALLIINDETAILS Method 1.5.9 Section.
28-Apr-2017	4.6	As like Redemption and Switch Transaction SMS OTP concept we implemented the same for CEASESIP Method 1.5.7 section And SYSTRXNREG Method 1.5.6 Section
05-May-2017	4.7	Added perpetual_flag request Tag in PURCHASETRXN Method 1.5.3, SYSTRXNREG Method 1.5.6
05-May-2017	4.7	Added new response fields process_mode , fh_confirmation_status , jh1_confirmation_status , jh2_confirmation_status , consolidate_iin_cnf_status in IINDETAILS Method 1.5.2
10-May-2017	4.8	Added new response fields Bank_Holder_Name , Bank_Holder_Name1 , Bank_Holder_Name2 in ACHMANDATEREPORT Method 1.5.14
17-May-2017	4.9	Added IINBANKDETAILS Method in 1.5.23 Section Added IINUMRNDDETAILS Method in 1.5.24 Section
22-May-2017	5.0	Added new Request field investor_auth_log in PURCHASETRXN Method 1.5.3, REDEEMTRXN Method 1.5.4, SWITCHTRXN Method 1.5.5 Section
01-Jun-2017	5.1	Added new Request field ach_exist in PURCHASETRXN Method 1.5.3 and SYSTRXNREG Method 1.5.6 Section and restricted duplicate registration in ACHMANDATEREGISTRATIONS Method in 1.5.13 section.
06-Jul-2017	5.2	Added new request fields investor_name, Hold_Nature_Code and Hold_Nature_Desc in IINBANKDetails Method 1.5.23 Section
09-Aug-2017	5.3	Nominee related request tags are removed in PURCHASETRXN Method and based on registered IIN Nominee details will be taken.
10-Aug-2017	5.3	Trxn_status and cease_status has been added in SYSREGISTRATIONREPORT section 1.5.16
28-Sep-2017	5.4	New Frequency type (BZ) added in PURCHASETRXN Method 1.5.3, SYSTRXNREG Method 1.5.6
16-Nov-2017	5.5	Added new TRXNDETAILSREPORT Method in 1.5.25 Section
28-Nov-2017	5.6	Amc_Code and product_code has been added in SYSREGISTRATIONREPORT section 1.5.16
28-Nov-2017	5.6	Added IINMAPPING Method in 1.5.26 Section
08-Nov-2017	5.7	Added txn_initiator Tag CEASESIP method in 1.5.7 Section. Either IFSC Code / MICR Number is mandatory in Bank Mandate Registration Method in 1.5.18 Section
24-JAN-2018	5.8	Added process_mode, return_flag tag in ACHMANDATEREGISTRATIONS Method in section 1.5.13.
31-JAN-2018	5.9	Added txn_initiator tag in SYSTRXNREG Method 1.5.6 Section
12-FEB-2018	6.0	Removed aadhaar_rp tag in FATCAKYCUBOREG Method 1.5.10 Section. Added last_modified_date filter tag in ALLIINDETAILS Method 1.5.9 Section
19-FEB-2018	6.1	Added " RETRIGGERTRXNEMAIL " Method 1.5.27 section
22-FEB-2018	6.2	Added Target Product Code and Scheme field for STP txn in SYSREGISTRATIONREPORT Method section 1.5.16 Added Investor Name filter in GETIIN Method section 1.5.17

Date	Versions	Change Reference
23-FEB-2018	6.3	Added "FATCAIINRETRIGGEREMAIL" Method 1.5.28 section
26-FEB-2018	6.3	Added POA_FLAG, POA_TYPE, Scheme_Reinvest, Switch_In_Scheme_Name, Switch_In_Scheme_Code and authorized_date_time tag in TRXNREVERSEFEED Method section 1.5.8
06-MAR-2018	6.3	Added response field of AMC_Code in TRXNREVERSEFEED Method under section 1.5.8.
06-MAR-2018	6.3	Added request field of Status in ALLIINDETAILS method under section 1.5.9
19-MAR-2018	6.4	Added new method "SETDEFAULTBANK" under section 1.5.29
10-Apr-2018	6.5	Added new field of MICR in CREATECUSTOMER Method in 1.5.1, CHANGECUSTOMERDATA Method in 1.5.20 Section and EDITCUSTOMER Method in 1.5.11 Section
16-Apr-2018	6.6	Added new response field of Mapped_User_Name in IINDETAILS Method under section 1.5.2 and ALLIINDETAILS Method under section 1.5.9
07-Jun-2018	6.7	Added new response field of Emandate_Authorized and Emandate_Auth_Date in ACHMANDATEREPORT Method under section 1.5.14.
07-Jun-2018	6.7	Added Get Transaction Detailed Report Method in 1.5.30 Section
10-Aug-2018	6.8	Added insurance_enabled flag Tag in PURCHASETRXN Method 1.5.3, SYSTRXNREG Method 1.5.6.
21-Aug-2018	6.9	Added new method "POAREGISTRATION" under section 1.5.31 and "POABANKREGISTRATION" under section 1.5.32
21-Aug-2018	6.9	Added request field of POA_BANK_TRXN_TYPE in PURCHASETRXN Method 1.5.3, REDEEMTRXN Method 1.5.4 Section, SWITCHTRXN Method 1.5.5 Section.
18-Sep-2018	7.0	Added request fields of GOAL_BASED_SIP , GOAL_TYPE and GOAL_AMOUNT in PURCHASETRXN Method 1.5.3, SYSTRXNREG Method 1.5.6
18-Sep-2018	7.0	Added response fields of GOAL_SCHEME_ENABLED , GOAL_TYPE and GOAL_AMOUNT in TRXN_DETAILED_REPORT Method 1.5.30
22-Oct-2018	7.1	Added new method "POABANKMANDATEREPORT" under section 1.5.33
29-Oct-2018	7.2	Added new method "PURCHASECUMREDEMPTIONTRXN" under section 1.5.34
16-Nov-2018	7.3	KYC_availability, FATCA_availability, UBO_availability, ubo_applicable, ubo_declaration tags are removed and Sponcer Availability tag added in Method "FATCAKYCUBOREG" under section 1.5.10
19-Nov-2018	7.3	POA tag added in SYSTRXNREG Method 1.5.6
23-Nov-2018	7.4	Fund_cleared_date tag added in TRXN_DETAILED_REPORT Method 1.5.30 and TRXNREVERSEFEED Method under section 1.5.8.
11-Feb-2019	7.5	FD_FLAG and APP_KEY tag added in CREATECUSTOMER Method under section 1.5.1
08-Mar-2019	7.6	Source of Wealth made non-mandatory and made Place of birth is free text FATCAKYCUBOREG Method 1.5.10 Section.
08-Mar-2019	7.6	Existing bank is added in ACH Mandate Registration method 1.5.13 section

05-APR-2019	7.7	Systematic Maturity tag is added to get report of all funds reached maturity date.
12-Jun-2019	7.8	INSTAACTIVATIONSTATUSREPORT New report added to get the name match status of Instant IIN Activation.
18-Jun-2019	7.9	ENABLEIININSTAMODE This method will allow to enable INSTA mode for IIN Activation.
05-Aug-2019	8.0	Added Bank_Code field in response of ACHMANDATEREPORT in section 1.5.14
17-DEC-2019	8.1	Added SIP_START_DATE,SIP_END_DATE and FREQUENCY in TRXN_DETAILED_REPORT and TRXNREVERSEFEED search result obtained
27-Jan-2020	8.2	Added Application_No field in response of PURCHASETRXN Method 1.5.3, REDEEMTRXN Method 1.5.4, SWITCHTRXN Method 1.5.5, SYSTRXNREG Method 1.5.6, TRXNREVERSEFEED Method 1.5.8, SYSCEASEREPORT Method 1.5.15, SYSREGISTRATIONSREPORT Method 1.5.16, TRXN_DETAILED_REPORT Method 1.5.29, PURCHASECUMREDEMPTIONTRXN Method 1.5.33
27-Jan-2020	8.2	Added new request field of Application_No in CEASESIP Method 1.5.7
27-Jan-2020	8.2	1. FREEDOM_SIP tag added in PURCHASETRXN and SYSTRXNREG method 1.5.3 and 1.5.6 section 2. FREEDOM_TARGET_SCHEME tag added in PURCHASETRXN and SYSTRXNREG method 1.5.3 and 1.5.6 section 3. FREEDOM_TENURE tag added in PURCHASETRXN and SYSTRXNREG method 1.5.3 and 1.5.6 section 4. FREEDOM_SWP_AMOUNT tag added in PURCHASETRXN and SYSTRXNREG method 1.5.3 and 1.5.6 section 5. FREEDOM_SIP tag added in TRXN_DETAILED_REPORT Method 1.5.29
27-Jan-2020	8.2	Net_Worth_Sign tag is added in FATCAKYCUBOREG method 1.5.10 section
04-Feb-2020	8.3	Added " DONORDETAILS " Method 1.5.36 section Added " DONORDETAILSREPORT " Method 1.5.37 section Added " DONORRETRIGGERMAIL " Method 1.5.38 section
04-Feb-2020	8.3	Bank Name, Account Number and IFSC Code is not mandatory for redemption transaction. Credit will be happen based on default bank registered at the RTA level. Remarks updated for Bank Name, Account Number and IFSC Code in REDEEMTRXN Method 1.5.4, PURCHASECUMREDEMPTIONTRXN 1.5.33
19-Feb-2020	8.4	Remarks updated in Bank Name for registering minor bank account details for minor tax status in CREATECUSTOMER Method 1.5.1
01-APR-2020	8.5	Added " IIN_ELEC_AUTH_LOG " Method under the section of 1.5.39, Added " BANK_WHITELIST " Method under the section of 1.5.40, Added " FATCAACTIVATION " Method under the section of 1.5.41
15-Apr-2020	8.6	Added new tag ACTIVE_FLAG in IINUMRNDDETAILS API Method in section 1.5.24
06-Jun-2020	8.7	Added New tag channel_type in ACHMANDATEREGISTRATIONS API Method in section 1.5.13
10-Jun-2020	8.7	Added New tag sip_reg_no in SYSREGISTRATIONSREPORT Method 1.5.16, added New tags of sip_reg_no and sys_cease_auth_date in SYSCEASEREPORT Method 1.5.15
17-Jun-2020	8.8	Added " PAUSE_SIP_ENTRY " Method 1.5.42section

		Added "PAUSE_SIP_REPORT" Method 1.5.43 section
30-Jun-2020	8.9	Added new method "EMANDATE_RETRIGGER" under section 1.5.44 , Added new tag client_callback_url in ACHMANDATEREGISTRATIONS API Method in section 1.5.13
24-Jul-2020	9.0	Added new Request field of "IIN" under FATCAKYCUBOREG Method section 1.5.10
24-Aug-2020	9.1	1. MODE_OF_ACTIVATION , MATCH_STATUS and IMPS_STATUS field in response of ADDLBANKMANDATEREPORT method 1.5.19. 2. We will allow only IIN registered Banks for ACH Mandate Registration in ACHMANDATEREGISTRATIONS method 1.5.13. value always take it "Y" . 3. Added New tag "POA_BANK_FLAG" in ACHMANDATEREGISTRATIONS method 1.5.13 4. Remarks column updated for ACH_Exist field in PURCHASETRXN and SYSTRXNREG method 1.5.3 and 1.5.6 section
23-Oct-2020	9.2	EXPIRED_DATE_TIME field in response of ACHMANDATEREPORT method 1.5.14
23-Oct-2020	9.2	New Payment Mode "UPI" included in PURCHASETRXN API Method
28-Oct-2020	9.3	Added new method "EKYC RESISTRATION" under section 1.5.46 and "EKYC RETRIGGER" under section 1.5.46
11-Nov-2020	9.4	Added new method "EKYC STATUS REPORT" under section 1.5.47
07-May-2021	9.5	Added Status Filter and additional columns such as MANDATE_CANCELLED_BY , MANDATE_CANCELLED_REQ_DATE , CANCELLED_AUTH_DATE_TIME , MANDATE_CANCELLED_SEQ_NO , CANCELLED_REQUEST_INITIATED_BY in ACHMANDATEREPORT Method 1.5.14
07-May-2021	9.5	Added new method of "GET_ELIGIBLE_MANDATES" under section 1.5.48 Added new method of "MANDATE_CANCELLATION" under section 1.5.49 Added new method of "MANDATE_CANCELLATION_RETRIGGER" under section 1.5.50
28-May-2021	9.6	Changed IFSC Code as Mandatory for the below methods of CREATECUSTOMER under section 1.5.1 PURCHASETRXN under section 1.5.3 SYSTRXNREG under section 1.5.6 EDITCUSTOMERDETAILS under section 1.5.11 ACHMANDATEREGISTRATIONS under section 1.5.13 BANKMANDATEREGISTRATION under section 1.5.18 CHANGECUSTOMERDATA under section 1.5.20 POABANKREGISTRATION under section 1.5.31 DONORDETAILS under section 1.5.36
15-Jun-2021	9.7	Added new request tag of triggered_trxn in the method of TRXN_DETAILED_REPORT under Section 1.5.29
07-Jul-2021	9.8	FT Scheme Account Number made non-mandatory for the below methods. PURCHASETRXN under section 1.5.3 REDEEMTRXN under section 1.5.4 SWITCHTRXN under section 1.5.5

		SYSTRXNREG under section 1.5.6
31-Aug-2021	9.9	Added the Entry_Date in the response of SYSREGISTRATIONSREPORT Method 1.5.16
19-Nov-2021	10.0	Removed iin_conf_flag Tag for the below methods CREATECUSTOMER Method in 1.5.1, PURCHASETRXN Method 1.5.3, REDEEMTRXN Method 1.5.4 Section, SWITCHTRXN Method 1.5.5 Section.
16-Dec-2021	10.1	Added FREEDOM_SCHEME_OPTION tag in PURCHASETRXN Method 1.5.3, SYSTRXNREG under section 1.5.6
07-Mar-2022	10.2	Added REJECTED_REASON tag in the response of ADDLBANKMANDATEREPORT under section 1.5.19 and POABANKMANDATEREPORT under section 1.5.32
07-Mar-2022	10.2	Introduced IIN Modification Request through Digital Process Mode EDITCUSTOMER method under section 1.5.11
05-May-2022	10.3	Added Guardian_relation tag in request of CREATECUSOMTER 1.5.1, EDITCUSTOMER 1.5.11 Section and CHANGECUSTOMERDATA 1.5.20
27-May-2022	10.4	Added mobile_relation and email_relation tag in request of CREATECUSOMTER 1.5.1, EDITCUSTOMER 1.5.11 Section and CHANGECUSTOMERDATA 1.5.20 Added new method of " RELATIONSHIP_STATUS_RETRIGGER " under section 1.5.51

1.17 Important Note

Error Message	Description
Bad Request	Invalid URL (Http or Https or URL is wrong).
Error occurred while processing	Tag Missing (The input XML string should contain all the XML tags irrespective of mandatory).

1.17.1 How to consume Service:

Test URL: <https://uat.nsenmf.com/NMFITrxnService/NMFTrxnService>

```
Dim req As HttpWebRequest = Nothing
Dim res As HttpWebResponse = Nothing
Dim IINTranxStringBuild As New StringBuilder

With IINTranxStringBuild
    .Append("<?xml version='1.0' encoding='UTF-8'?>")
    .Append("<NMFIIService xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'>")
    .Append("<customer>")
    .AppendFormat("<broker_code>{0}</broker_code>", "ARN-44332")
    .AppendFormat("<appln_id>{0}</appln_id>", "K")
    .AppendFormat("<password>{0}</password>", "K")
    .AppendFormat("<iin>{0}</iin>", "5011000029")
    .Append("</customer>")
    .Append("</NMFIIService>")
End With

Dim xrecord As XmlDocument = New XmlDocument
xrecord.LoadXml(IINTranxStringBuild.ToString)
Dim url As String = "https://uat.nsenmf.com/NMFITrxnService/NMFTrxnService/" & "IINDETAILS"
req = DirectCast(WebRequest.Create(url), HttpWebRequest)
req.Method = "POST"
req.ContentType = "application/xml; charset=utf-8"
Dim sXml As String = xrecord.InnerXml
req.ContentLength = sXml.Length
Dim sw = New StreamWriter(req.GetRequestStream())
sw.Write(sXml)
sw.Close()

Dim resp As HttpWebResponse = TryCast(req.GetResponse(), HttpWebResponse)
Dim ds As New DataSet
Dim dsRedeemres As New DataSet
```

```
If resp.StatusCode = HttpStatusCode.OK Then
    Dim stream As StreamReader = New StreamReader(resp.GetResponseStream())
    ds.ReadXml(stream)
End If
```