

BSE StARMF v2 API

06 June 2025

v0.9.20

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1 Background

This document is an early preview of the expected APIs within the BSE StARMF v2.

2 Target Audience

Members, AMCs, or any other entities registered with BSE StAR MF Platform who integrate with the platform through APIs.

3 Change Log

Ver.	Description	Date	Prepared By	Approved By
v0.1.0	Preview release	31-Mar-2024		
v0.1.4	<ul style="list-style-type: none"> - Renamed 'foreign_addr' block to 'addr' - Updated UBO object - Added NPO Object 	08-Jun-2024		
v0.1.5	<ul style="list-style-type: none"> - Added ucc list - Added ucc get - Added aof block - Added NFT APIs - Added examples 	11-Jun-2024		
v0.1.6	Refactored structures of FATCA, UBO and NPO	17-Jun-2024		
v0.1.7	<ul style="list-style-type: none"> - Added APIs for Orders, SxP and Mandates - Added examples. - Added Object and Enum Links to API listings 	01-Jul-2024		
v0.1.8	Field changes in mandate	02-Jul-2024		
v0.1.9	<ul style="list-style-type: none"> - Updated error codes for Orders. - Added error codes for SxP - Order specs updated to include nomination object - webhook for ucc updated - webhook for order updated - Payment Aggregator MIS specs updated - Broker code added in mem_details object 	05-Jul-2024		
v0.2.0	<ul style="list-style-type: none"> - Renamed field 'br_code' to 'broker_code' in mem_details object - Added filter params in 'order_list_filter_param' - Added filter params in 'mandate_list_filter_param' - Added example if elog (8.1.2.6) 	16-Jul-2024		
v0.2.1	- Updated response of order API	31-Jul-2024		
v0.2.2	<ul style="list-style-type: none"> - Added fields 'nomination_auth_mode' and 'nomination_auth_mode' to order_new and order_update API - Increased Max UCC holders from 3 to 5 - added 'aof_ria' object to UCC 	02-Aug-2024		
v0.2.3	<ul style="list-style-type: none"> - Added field 'tax_code' in UCC - In the Contact section, 'country_code', 'whose_contact_number' and 'whose_email_address' are marked as conditional mandatory. - In the Nomination section, the field 'nomination_percent' is marked as conditional mandatory. 	08-Aug-2024		
v0.2.4	<ul style="list-style-type: none"> - Renamed link name in order_new ucc API - Added agency_code in PA MIS report - System generated ID for orders changed from String(UUID) to numeric(16 digits) 	14-Aug-2024		

v0.2.5	<ul style="list-style-type: none"> - changed field name of comm_addr and addr blocks. - changed ENUM values of acc_owner - Added ENUM 'investor_type' for FATCA declaration - Added Minimum and Maximum length validations for various fields. - agency_code in PA MIS report API is made mandatory 	16-Aug-2024		
v0.2.6	<ul style="list-style-type: none"> - Added examples of PA MIS - 'bank_account' in 'repository' object is mandatory - added field 'man_2fa' in mandate_register - Update 'mandate_type' ENUM - Added additional parameter 'parent_client_code' and 'is_multi_ucc' in add_ucc - Added filter param 'parent_client_code' in 'ucc_list_filter_param' - Added additional parameter 'parent_client_code' in get_ucc() 	24-Aug-2024		
v0.2.7	<ul style="list-style-type: none"> - 'sxp_update' API is marked as unavailable - 'contact_number' in contact block is made conditional mandatory - added API 'get_2fa_link()' - added 'special_product' block to sxp_register 	03-Sep-2024		
v0.2.8	<ul style="list-style-type: none"> - added '2fa_link_event' enum for API 'get_2fa_link()' - added 'login' API as already present in the postman collection - added field 'status' in 'upload_mis' API 	09-Sep-2024		
v0.2.9	<ul style="list-style-type: none"> - added Enum 'fatca_identifier_type' for FATCA declaration - added field 'mis_type' in 'upload_mis' API - added 'info' object for 'upload_mis' API - added example of 'upload_mis' API 	16-Sep-2024		
v0.3.0	<ul style="list-style-type: none"> - added 'parent_client_code' in 'upload_mis' API - special products types ENUMS - added reg_at_after and reg_at_before to sxp_list_filter_params - added 'bank_log' to identifier_type - added 'fatca_identifier_type' for list of identifiers for FATCA - added 'get_ucc_status_obj' API - added declaration type 'NA' to whose_email and whose_contact declaration for UCC 	21-Sep-2024		
v0.3.1	<ul style="list-style-type: none"> - added field 'is_fresh' to order_new, order_update and sxp_register APIs - fields 'start' and 'length' in list_ucc API is changed to non-mandatory - changed mis_type enum value from NEFT_RZP to NEFT - changed paymt_mode enum value from 'DD' to 'IFT' - 'occ_code' enum values updated - removed duplicate Enum 'fatca_identifier_type' for FATCA declaration - update example of 'get_ucc_status_obj' API - 'credit_at' is made optional in 'upload_mis' API 	24-Sep-2024		

v0.3.2	<ul style="list-style-type: none"> - Modified 'special_product_goal_type' for special products - Renamed field 'mem_ord_ref_id' to 'mem_sxp_ref_id' for sxp_register - Added 'special_prod_name' to 'sxp_special_product' - Added 'holder' block to order_new, order_sxp and sxp_register API - added fields reason_cd and reason_cd_msg to sxp_cancel API 	08-Oct-2024		
v0.3.3	<ul style="list-style-type: none"> - 'fatca' object in 'add_ucc' is made conditional mandatory - added 'nomination' block to sxp_register - added 'nomination', 'holder' and 'sxp_special_product' block to sxp_update - added mandatory identifiers required in case of ucc update section 6.2.2.2.12 - added 'sprod' and 'topup' to sxp_type enums - 'target_scheme' and 'target_amt' is marked as conditional mandatory for 'sxp_special_product' object 	17-Oct-2024		
v0.3.4	<ul style="list-style-type: none"> - Added scheme_list API - Updated Webhook specs and example for UCC - Updated Depository Enums for Orders 	29-Oct-2024		
v0.3.5	<ul style="list-style-type: none"> - Added sxp_resume API - Updated scheme list 'master_scheme_list' API's request parameters and response example 	06-Nov-2024		
v0.3.6	<ul style="list-style-type: none"> - Updated field description, and whether fields are mandatory for upload_mis API. - Updated investor block for upload_mis API - Added 'UPIR' and 'IMPS' paymt_mode for upload_mis - Added 'parent_client_code' to order_new() 	11-Nov-2024		
v0.3.7	<ul style="list-style-type: none"> - Added 'parent_client_code' to sxp_register API - Added 'parent_client_code' to mandate_register API - Added 'umrn_ref' to upload_mis API - Added NACH to MIS_TYPE - Removed BANK_AS_MFD from MIS_TYPE - Updated 'payment_ref_id' to be conditional mandatory. - Added CHEQUE to MIS_TYPE - Renamed UPI_RECUR to UPIR - Removed IMPS from MIS_TYPE - Updated investor and parent_client_code fields to be conditional mandatory 	14-Nov-2024		
v0.3.8	<ul style="list-style-type: none"> - Added 'ENACH' to MIS_TYPE - Updated description of 'tax_residency' object - Added 'webhook_ack' object with description 	25-Nov-2024		

v0.9.0	<ul style="list-style-type: none"> - Removed 'get_ucc_status' API. - Removed 'DRAFT' watermark - changed description of error code '1020' - Removed mandate type 'i-mandate' - Removed client_code from investor object - Replaced 'ucc' field with 'investor' object in 'sxp_register', 'sxp_update', 'mandate_register' APIs - Removed 'sxp_update' API - Added filter params to 'sxp_list' API - Updated specifications for 'get_2fa_link' API - Updated all examples - Updated 'ucc_status_obj' API. Moved 'aof' and 'aof_ria' fields from 'ucc_status_obj' to 'ucc_status_holder' object - Added 'order_lifecycle_status' and 'sxp_lifecycle_status' enums - added investor block to 'order_cancel' API - added new 'address_type' - updated mandatory fields in 'mem_details' object. - 'order_new' and 'order_update' API structure has been refactored. - Added 'sxp_get_history' API - Added 'nav_master_list' API - Added Annexure(Section 9.1) section to read error messages in the Angular Code - Changed Enum values of 'order_phys_or_demat' from capital to small letters - Added 'get_payment_detail' API - Updated Webhook APIs - Removed Mandate APIs - Added Request and Response Structures to all APIs - Added examples - Added 'list_payment_detail' API 	8-Jan-2025		
v0.9.1	<ul style="list-style-type: none"> - Changed the Request/Response parameters of NFT - Added 2FA link event for NFT - Added Data block to webhook structure for NFT related change - Added examples - Updated examples - Updated webhook structure - Removed order_webhook section as it is merged with webhook section 	13-Jan-2025		
v0.9.2	<ul style="list-style-type: none"> - Added/Updated examples section - Changed field 'dst_bank_acct' to 'dest_bank_acct' in upload_mis API - Updated response examples in APIs - Added objects for order_list and order_get API response - Added param 'type' to sxp_get API 	15-Jan-2025		

v0.9.3	<ul style="list-style-type: none"> - Added validation for ckyc field in ucc - Updated investor_mis object for upload_mis API - Updated conditional mandatory description for investor block - Updated "list_ucc" APIs' request attribute "status" to "ucc_status" - Changed member_code to member in list_ucc - The list apis' length attribute has max number of 10000 - Added status_count_summary_obj to list_ucc response - Updated enum values for 'sxp_type' 	20-Jan-2025		
v0.9.4	<ul style="list-style-type: none"> - Order_list - expiresat is removed - Scheme list - added more attributes to response. - Investor_ucc added to all the UCC APIs and replaces the Investor block. - Updated max length for pms_code - Field in ucc object changed from 'identifier' to 'identifiers' - order_list_filter_param added json attribute order_src_type - order_list_filter_param removed placed_at - added filter_param in the scheme_list api - added kyc_passed and mem_details in the xp_register service - updated json request and response payloads examples with above changes 	23-Jan-2025		
v0.9.5	<ul style="list-style-type: none"> - Error code 561 updated. - New Error code 1023 added. - Updated upload_mis, If paymt_mode is NEFT, RTGS, IMPS, Internal Fund Transfer then this field is optional. - Added a new sample request for update_ucc for holder object - Updated ubo_detail object, removed the tax_residency and created a new object ubo_person, and added the same to the ubo_detail object. - In xp register, bank_acct is optional - Added modify_ucc validation rules table - src attribute in order_new is optional, depends on the scheme selected. - Updated order error messages for error codes - 1579, 1505, 1507 and 1011 	07-Feb-2025		
v0.9.6	New External APIs added	18-Feb-2025		
v0.9.7	Added payload examples for the new External APIs	21-Feb-2025		

v0.9.9	<ul style="list-style-type: none"> -Added more webhook events for Mandate -Added order_id, mandate_id, sxp_reg_num, payment_ref_id in webhooks consumer -Added 2 new error codes for SXP Errors -Updated description of name attribute of bank_acct to bank name -Added proper details for Payment Gateway External API - Added PAYMENT GATEWAY to wh_event_type -Added webhook events for payment gateway -Made the count_only attribute to optional in sxp_list -The cmbp_id is mandatory for NSDL but not for CDSL. Added in the depository object. - Added Mandate Error Codes - Added 2 more records to the Scheme List, more details added to systematic_transaction_detail, also added missing properties to Scheme List Response, added systematic_transaction_detail - Added two error codes - 1024, 1025 -sxp_register - modified the attribute txn_date -order_update - member field is optional. -Added more attributes to scheme_lumpsum -Added new object scheme_transaction_allowed_options -Added more attributes to scheme_systematic - count_only is optional for order_list -start is optional for sxp_list 	17-Mar-2025		
V0.9.10	<ul style="list-style-type: none"> - The payment gateway webhook is implemented. - Added mem_ord_ref_id for Order web hook - Changed the description of the Error Code 1503 to application_error. - Added mis_type - DIRECT DEBIT - Removed XSIP and ISIP from sxp_type and made exch_mandate_id conditional for sxp_register API -Added more error codes in SXP -sxp_register API, holder object is now mandatory - Added new error code "detail_mismatch" in sxp error codes table - Added many new relevant error codes 	24-Mar-2025		
V0.9.11	<ul style="list-style-type: none"> -name attribute is optional for the bank_acct object -the extension attribute part of contact object is now conditional -new conditional attribute fax_no added to contact object -Added 3 new wh_event for Mandate -Added dest_acct block in the Mandate Register Request - The sample response object of the payment aggregator to get details updated. - Corrected the JSON attribute name from client_code to ucc. - Removed text "Optional for upload_mis" from bank_acc Object - Start is optional in order_list api 	17-April-2025		

V0.9.12	<ul style="list-style-type: none"> -Request Single Payment BSE PG, following changes: <ul style="list-style-type: none"> -Changed request JSON attribute from <code>request_method</code> to <code>requested_method</code> -Added one more value-<code>payment_info_data</code> -<code>payment_mode</code> attribute changed to array of attributes -Added new response, when <code>requested_method</code> is <code>payment_info_data</code> -Added new API Request Send Payment Info BSE PG - Removed <code>dest_acct</code> block in the Mandate Register Request as discussed between Purab and Mansi 	21-April-2025		
V0.9.13	<p>Following changes are done to /v2/add_ucc api :</p> <ul style="list-style-type: none"> -Description updated for country props inside <code>foreign_addr</code> -Description updated for country props inside <code>fatca->tax_residency.country</code> -Description updated for <code>country_of_birth</code> props inside <code>fatca->ubo->ubo_details</code> -Description updated for country props inside <code>fatca->ubo->ubo_details.person.tax_residency.co</code>untry. -Gender made conditional mandatory inside <code>holder.person</code> 	24-April-2025		
V0.9.14	<p>Following changes are done to /v2/add_ucc api :</p> <ul style="list-style-type: none"> -Description updated for <code>ubo</code> props inside <code>fatca</code>. -Description updated for <code>npo</code> props inside <code>fatca</code>. -Description is updated for <code>pms_client</code> props. -Description is updated for <code>nature_of_relation</code> props inside <code>fatca</code> -Description updated for <code>nature_of_business</code> props inside <code>fatca</code> -Description is updated for <code>nfe_sub_category</code> props inside <code>fatca</code> -Description is updated for <code>nfe_category</code> props inside <code>fatca</code> -Description is updated for <code>spr_name</code> props inside <code>fatca</code> -Description is updated for <code>giin_no</code> props inside <code>fatca</code> -Description is updated for <code>is_giin_avail</code> props inside <code>fatca</code> -Description is updated for <code>ffi_drnfe</code> props inside <code>fatca</code> 	01-May-2025		

V0.9.15	<p>Following changes are done to /v2/order_new api -Description is updated for mem_details.enin -Description is updated for mem_details.broker_code -Description is updated for mem_details.sub_br_code -Description is updated for mem_details.sub_br_arn -Description is updated for bank_acc</p> <p>Following changes are done to /v2/sxp_register api -Description is updated for bank_acc -response is updated for sxp_register -request object is updated for sxp_topup to make reg_no as numeric and 15 digit in length</p> <p>-Description is updated for mem_mandate_info(mandate) props in mandate_register api</p> <p>-Description updated for requested_method props in /get_exchpg_service api</p> <p>Following changes made in /send_payment_info api -return_url props remove from request payload -updated payment_details object in request payload -Response is updated when payment_mode= "netbanking".</p> <p>-New prop log_name added in ucc /v2/add_ucc api</p>	13-May-2025		
V0.9.16	<p>-Description updated for log_name props in ucc /v2/add_ucc api -Sample response object is updated for add_ucc and list ucc</p>	16-May-2025		
V0.9.17	<p>-Description is updated for holder object in /v2/order_new and /v2/order_update api -Description is updated for mobnum in /v2/order_new api -Description is updated for holder object in v2/sxp_register api -txn_date marked as Conditional Mandatory in v2/sxp_register api -Description is updated for frequency props in /mandate_register api -Description is updated for request_type props in /mandate_register api -New error code 3896 is added with description -Description is updated for dest_scheme in v2/sxp_register api</p>	26-May-2025		
V0.9.18	Added section on Encrypted payload . To distinguish encrypted payload from regular payload, Content-Type and X-API-Org-ID headers must be considered in every request.	28-May-2025		

V0.9.19	-Removed the is_nomination_opted and nomination_auth_mode props from order_holder Object -partner_id Made conditional mandatory, as per description added	31-May-2025		
V0.9.20	-indexing is corrected for 6.2.2.2.12 update contact details -correct object value for 'redempt_details' is updated in /order_list api for response object.	06-June-2025		

4 Glossary of Terms

BSE StARMF Platform (the Platform): BSE StAR MF Platform (the Platform): The BSE StAR MF platform provides various services for registration of investors (UCC), status enquiry for various actions, change investor (UCC) profile and order fulfilment for the orders placed by Members on behalf of the investors.

Stakeholder (Entity): In the context of this document, Stakeholders include entities registered with the BSE StAR MF Platform for the purpose of integrating through APIs published by the platform.

API: API provided by the platform, and consumed by other stakeholders.

Webhook: API provided by other stakeholders to which the platform sends status, notifications and other updates depending on various events. All webhook requests will be explicitly registered as part of the onboarding process / change request process of the platform. Stakeholders providing a webhook facility must permit incoming requests from the specific public IP addresses shared by the platform.

Structure of the Webhook would be determined by BSE StARMF.

IP address whitelisting: All incoming API requests and outgoing webhook requests wrt other stakeholders will be permitted only on explicitly listed static public IP addresses.

For API requests, a stakeholder can provide one or more static public IP addresses from which requests will be permitted. For Webhook requests, a stakeholder can provide a valid hostname or a single static public IP address for a call back.

Members integrating through system integrators / ISVs / Other Service Providers must ensure that the respective service providers also adopt the v2 API Structure.

ISV: Independent Software Vendor.

5 What's New in v2

StARMF v2 has a few significant differences compared to v1.

1. All API and Webhooks are REST API only, with JSON request and response parameters.
2. Webhooks are being standardised in v2, to send out notifications as and when state changes e.g. Order or UCC registration.
3. Fixed, positional field structure is replaced with a list of attributes within a JSON.
4. In v2, partial attribute updates are possible as far as business requirements are met.
5. Nested objects are supported instead of individual attributes e.g. bank account detail is now a JSON object, instead list of individual attributes.
6. APIs handle a list instead of multiple positional attributes e.g. "panholder1", "panholder2", "panholder3" etc. are now replaced with "panholders" list. Similarly, "bankaccount1", "bankaccount2", and related attributes are now replaced with "bankaccounts" as a list of object. This provides a flexibility to support additional holders or bank accounts in the future without changing structure.
7. APIs are refactored and made flexible to avoid similar APIs with minor variations.
8. Login is via the generally accepted practice of using Bearer token in the request header.
9. As per cybersecurity guidelines, all APIs are designed to work with encrypted payload ie. all requests and responses are encrypted using standard algorithms.

Members are encouraged to migrate to v2 APIs, which offer higher flexibility and are backed by a modern architecture. However, in order to ensure least disruption, v1 APIs will be supported for backward compatibility till v2 API adoption is complete. v2 also maintains backward compatibility for enumerated values e.g. tax code. Going forward, all enhancements will be added to v2 only.

6 API and Webhooks

6.1 Guidelines

6.1.1 How to start

1. Please connect to our API team for a new User ID, Password for your account, and share the public key from a RSA keypair generated at your end.
2. Wherever webhook facility is opted by a stakeholder, please also provide webhook URL, API key and secret and
3. Please test your application against a sandbox setup, and then only promote your application to use the production URL.
4. List of various URLs, enumerated constants and list of error codes are published in the Annexure section.
5. An example of request and response is provided below description of each API.
6. Each API describes request and response payload in JSON format. Encrypted payload is 100% compatible – it internally uses the same JSON payload once decrypted.

6.1.2 Conventions

Unless otherwise explicitly specified,

1. All attribute names in the request and response are ASCII characters only. As of now, all values are ASCII characters only.
2. All APIs support POST method only.
3. All APIs, except for authentication requests, must carry a bearer token received from the authentication API. Every Bearer token has an expiry period, decided and periodically reviewed by the StARMF platform.
4. Each API will have an optional attribute named "partnerid" which represents the ISV.
5. All input requests and output responses are JSON only.
6. All file contents are Base64 encoded.
7. All attribute names are lower-case only.
8. All API endpoints, attribute names, API key and secrets are *case sensitive*.
9. Attributes expecting enumerated values are defined in the Annexure.
10. All error responses will have one or more error codes. Error codes are listed in the annexure.
11. All attributes within an object, say "bank" object, are mandatory.
12. Timestamp representations are strictly in ISO 8601¹ format only, e.g.
"2024-03-12T15:29:59+0530" or any other acceptable timezone.
13. Date representations, wherever only date is accepted / stored / returned, are as per the application's timezone in which business operates. As of now, dates are in IST timezone only. All business dates are in YYYY-MM-DD format only, e.g.
"2024-03-30".

¹ https://en.wikipedia.org/wiki/ISO_8601

14. Those attributes which accept a list of objects as a value will have an upper limit on the number of elements within a list subject to business requirements e.g. Integer of banks or Integers of nominees or number of orders in a single API request.
15. HTTP response codes should not be examined by the caller to decide success or failure of the call -- any HTTP code in the range 200 to 299 should be accepted as success. HTTP protocol response codes are supposed to indicate protocol level and basic transport level issues -- not application level success or failure.
16. Attribute types in the request and response has this convention:
 - a. Integer: a +ve integer
 - b. Dec(n): Decimal number up to "n" decimal points
 - c. String: A sequence of characters (may have minimum or maximum or both limits)
 - d. Amount: Decimal number rounded to the nearest two decimal points.
 - e. Date: Business date, YYYY-MM-DD format
 - f. Time: ISO 8601 format, YYYY-MM-DDTHH:MI:SSTZ
 - g. Object: A JSON object. An object could be a nested object.
 - h. Enum: One of the permitted values from the list (subject to further validation). Enumerated constants are defined within the Annexure.
17. List APIs support various attributes for paging and other features.
 - a. "start": must be a number, min value as 0. This indicates a position within a list of records matched as per filter, starting with 0 for a first record from the list. If "start" is higher than the total number of matched records, then results will be empty, however the total count of matched records will be provided in the response.
 - b. "length": must be a number between 1 to 10,000. Number of records to be fetched starting with "start".
 - c. When the number of records expected to be matched are more "length", multiple calls are required, with "start" value being incremented in multiples of "length" for each successive call.
 - d. "count_only": Boolean. If true, it will return only the total number of records matched, not the matched record details. "start" and "length" are ignored when "count_only" is provided in the request.

As a part of the workflow, some attributes within API requests may trigger verifications or manual approvals e.g. PAN number or Bank account details. In such cases, "success" response of the API merely indicates that the request has been accepted; it is syntactically correct for processing it *asynchronously*. Wherever possible, API will provide a reference ID in the immediate response for checking the status via a separate API for status check.

Wherever StARMF provides facility for webhook integration, and such webhooks are made available by the stakeholders, StARMF platform will also provide such status via webhooks.

6.1.3 Request Header

JWT: Other than "login" API, all other requests must carry a valid JWT header as follows:

Authorization: Bearer <token>

e.g.

Authorization: Bearer ABCPQR

Trace ID: Every JSON request should contain a trace ID for diagnosis. Trace ID is an opaque string and hopefully unique in time and space. The whole purpose of trace ID is for diagnosis and does not have any significance to the application.

X-STARMFv2-Trace-ID: <trace-id>

e.g.

X-STARMFv2-Trace-ID: cfb8ed3e-619f-401c-af6e-0e0a8e9a066d

Content-type: For encryThis header must be changed to indicate that encrypted payload is used.

Content-type: application/jose

X-API-Org-ID: This header must be added during request to StARMFv2 while communicating with encrypted payload. This field is used to identify the sender's API

X-API-Org-ID: <org-code>:<fingerprint>

e.g. X-API-Org-ID: member/007:820d2ab3bd35c8ed582be...9f59d4e44cc8680cbcc61b5c0

Exact X-API-Org-ID header value and related RSA keypair and StARMF's own public key to be used will be shared by the StARMFv2 team as part of the onboarding process.

6.1.4 Response Header

Usual HTTP request headers are sent with every response. Important headers for client application consuming APIs are "Content-encoding" and "Content-type".

6.1.5 JSON request

Each JSON request has the following format.

```
{  
    "data": {  
        }  
}
```

6.1.6 JSON response

Possible values for "status" attribute in response are "success" and "error". If status is an error, the data object is empty and an additional "message" object is added to the response.

Success response format is as follows:

```
{
```

```

    "status": "success",
    "data": {
        /* Application-specific data payload goes here. */
    },
    "messages": [] /* Or optional success message */
}

```

Error response format is as follows:

```

{
    "status": "error",
    "data": {},
    "messages": [
        {
            "errcode": "toobig",
            "msgcode": 235,
            "field": "maxdelay",
            "vals": [ "7", "3" ]
        },
        {
            "errcode": "missing",
            "msgcode": 45,
            "field": "fullname"
        }
    ]
}

```

6.1.7 Encrypted payload

Since 15 May 2025, support for encrypted payloads has been added. This section outlines the encrypted payload format during request and response. All API requests published within this document support encrypted payload, unless specified otherwise.

Encrypted payload uses standard PKI and JOSE² format to send/receive encrypted payload. It is 100% compatible with the JSON format described within the respective API. Entire heavylifting to handle encrypted payload is done using the JOSE library.

Here are the broad steps.

Assumptions:

1. JOSE library is available for your programming language / framework.
2. You have created a RSA key pair with a minimum 2048 bit length, and share your public key with StARMF team. For the demo environment, you may use a keypair provided by StARMF team.
3. You have received StARMF's public key from the StARMF team.

Conventions:

1. Own Keypair: PrOwn and PuOwn: Your own keypair

² [Javascript Object Signing and Encryption \(JOSE\) — jose 0.1 documentation](#)

2. Remote Keypair: PuRemote: Public key shared by StARMF
3. Session Key algorithm: AES_256_GCM
4. Jose encryption algorithm to encrypt session key using recipient's public key: RSA_OAEP_256
5. Payload: JSON object to be operated on, in clear text
6. Encrypted Payload: JOSE based encrypted payload, in Base64 encoded format
7. Exception handling code is not shown within the pseudo code to focus on the core algorithm. Actual implementation must handle exceptions at each stage.

Pseudocode for payload encryption and decryption

```
// To send API request
ctEncrypt (payload, Own Keypair, Remote Keypair) {
    PuOwn = Own.Public
    PrOwn = Own.Private
    PuRemote = Remote.Public
    // PrRemote will never be available to us

    joseEncrypter = jose.Encrypter(
        session key algo: AES_256_GCM,
        recipient: { algo: RSA_OEAP_256, public key: PuRemote
    },
        content-type: "application/json"
    )

    jweObj = joseEncrypter.Encrypt(payload)

    jweCompact = jweObj.CompactSerialize()

    joseSigner = jose.Signer(
        jose signing key: {
            Algorithm: jose.RS256,
            Key: PrOwn
        },
        options: {
            type: "jws",
            with header: "version: 1.0"
        }
    )

    jwsObj = joseSigner.Sign(jweCompact)
```

```

        encPayload = jwsObj.CompactSerialize()

        return encPayload
    }

// To handle API response
ctDecrypt (encPayload, Own Keypair, Remote Keypair) {
    PuOwn = Own.Public
    PrOwn = Own.Private
    PuRemote = Remote.Public
    // PrRemote will never be available to us

    jwsObj = jose.ParsedSign(encPayload)

    jweBytes = jwsObj.Verify(PuRemote)

    jweObj = jose.ParseEncrypted(jweBytes)

    payload = jweObj.Decrypt(PrOwn)

    return payload
}

```

Example payload and its corresponding encrypted payload

Payload <pre> { "data": { "ifsc_code": "YESB000031", "account_number": "003199000002381", "pan": "ABCDE1223G", "name": "John Doe" } } </pre>	Encrypted Payload <pre> eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXUyIsInZlcnNpb24iOiIxLjAifQ. </pre>
---	---

```

ZX1KaGJHY2lPaUpTVTBFdFQwRkZVQzB5T1RZaUxDsmpkSGtpT2lKaGNIQnNhV05oZE
dsdmJp0XFjMj1SW13aVpXNWpJam9pUVRJMU5rZERUU0o5LkZjYzdJWVNGNzRvVFdn
X1M0RjhQcW5YYUdyRkd5YWhxVDh4SURxb21iNmNLZERndEptX1lYXzBJUmRjTDRkdW
E2TWdaSExENTFiZnhKdEEyW1pNQ0tLLVhPZGYxYUJ3QU14Y0FRRXg2Y1RV0WhXcEhK
ekczS3BNN1FY0E91a01FeGZoemwwanJzTENVcjJDZWR0eU1JRDY2dH1UU1BMN1liTm
t0a3kwWUxUcXU3dFdBX1hxbUJZdS1SYi12cTIyc2RnbWxLbVFrS2d6WGwtRHNxVUZL
MWJ0ZVFRTm9PTEd0c3hVZ1VSYThhY11vSGFnAVJNbNvranI0Q0NGRHnkQ1JKaUtYUD
10Q1hQRzZjVDVSVVZEU3E4UnhDeVZsaFFaQXZBMG85Z2hTaFppSjZibHJvQ0dpbVc5
aU14VTU5X2FxZXU5RUxvSjg3bEEtc1RXemtuU3d1Zy5F0TEwV1l0aW0tUXVHcE1BLj
dJc114ZGpFaHgtNm5GckFZbVpLYjZUUnQtTDZ0TXo4Z1g3RXJRdkd2RFREc1FMSm8x
a3ZvREwybVE1N1dpY1MxQU1uLT1kTEc4VXhiYloy0G1YcDBpNWwxblpCcWU0VV8yaG
1YQ0gxRnVQMFNWWVW1KeGJXY2d0ZlgzeUlku1li0DlqQnJXcUo4NDc1M1ZRTGRtZ1hS
S2p3VVFsv0hBTGxvd2pPSVZmTDgxMXU4R2Jz0GZ0VjVidm1CUS5PdW1NeGp1bEZ4bm
hZa0RCUGcxTmFB.

RITIbxG45dSJjxqPmjf6tPOCPHguHXSmBjG3QSE0dNdymM-h0vWxa3XcrrxqhFWq0E
2k_IY_10C3fSd5REViolBB7EgFOHMpLWuguCbVwXy8fw5M5sz5L0F_KsgCkXb4DZgg
heXPkXXpAwTf_Ih4BmyB5tNI8oneijtdCL-3vpbmu9PyXqQjANJsBkRIyPTsszm08S
BWrH_Y8Gzm0Iugob_in6iMYtIZ7TdMrtv66HBNJslaz8HWUxv7VeWHOMkNcDW74110
IWa68mFcf_QjrYmzVp85xwEQNKof6tZPWTY9awr0pp2hfKGgJIHAD-QfNS-E3lsHav
uv03NOAiyNtw

```

6.2 API Listing

6.2.1 Login

6.2.1.1 Request

POST /api/login

```
{
  "data": {
    "username": "...",
    "password": "..."
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
username	Y	N	String		Username provided by StARMF system
password	Y	N	String		Password provided by StARMF system

6.2.1.2 Response

Success response

Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		<pre>{ "data": { "access_token": "eyJhbGciOiJSUzI1NilsInR5cClgOiAiSlIdUliwia2IkliA6ICJ6M3pkb..." }, "messages": [] }</pre> <p>where access_token: is the token to be used in consecutive requests</p>
messages	Y	Y	object		[]

Error response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		"data": null
messages	Y	Y	object		<pre>"messages": [{ "msgid": 672, "errcode": "login_failed" }]</pre>

6.2.2 UCC

6.2.2.1 Add a new UCC

Used first time when a new UCC is expected to be registered. Depending on the agreement, some of the attributes may trigger a verification workflow.

Request

```
POST /v2/add_ucc
```

```
{
  "data": {
    "member": { ... },
    "clientcode": "...",
    "holders": [ ... ]
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
investor	Y	N	Object		Investor/Client code: UCC Investor_ucc
is_multi_ucc	N	N	Boolean		Is multiple combination UCC required
parent_client_code	C	N	String		Parent Client Code. Mandatory if is_multi_ucc is true
holding_nature	Y	N	Enum		Nature of UCC holding holding_nature
tax_status	N	N	Enum		Tax status of the UCC Primary holder. tax_status
tax_code	Y	N	Enum		Tax code of the UCC Primary holder. tax_status
rdmp_idcw_pay_mode	Y	N	Enum		Payment mode for redemptions & IDCW. rdmp_idcw_pay_mode (Payment mode for redemptions & IDCW)
is_client_physical	Y	N	Boolean		Is the client opting for Physical mode of Holding type
is_client_demat	Y	N	Boolean		Is the client opting for Demat mode of Holding type
is_nomination_opted	Y	N	Boolean		Is the nomination opted for by the client?
nomination_auth_mode	C	N	Enum		If nomination is opted, then what is the nomination authentication mode? nomination_auth_mode
nomination_approval	C	N	Object		"identifier" object, with only file is mandatory
comm_mode	Y	N	Enum		Opted communication mode comm_mode
onboarding	Y	N	Enum		Is UCC onboarding with paper or paperless. onboarding
holder	Y	Y	Object	3	List of holders Holder
comm_addr	Y	N	Object		Communication address comm_addr Mandatory for Tax Code where 'is resident?' is 'Y'
foreign_addr	C	N	Object		Foreign address(for non-resident). Refer to object type 'addr' addr Mandatory for Tax Code where 'is resident?' is 'N'
depository	C	Y	Object		List of depository accounts (for Demat UCC) (Max 5 as of 30 June 2024) depository Mandatory if 'is_client_demat' is true
bank_account	Y	Y	Object		List of bank accounts (Max 5 as of 30 June 2024) bank_account
fatca	C	Y	Object		FATCA declaration fatca . Mandatory if 'is_physical' is true
pms_client	N	N	Boolean		true / false
pms_code	C	N	String		Required if "pms_client" = "Y"; max length is 20

aof	C	N	Object		Account Opening Form Object aof . Mandatory if is_physical is true
aof_ria	C	N	Object		Account Opening Form Object aof_ria . Mandatory if is_physical is true
identifiers	Y	Y	Object		<p>Allowed Identifiers:</p> <ul style="list-style-type: none"> - aof - fatca_form - aof_ria <p>Refer to identifier</p>

Example: [add_ucc](#)

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		<pre>{ "data": { "client_code": "66510005", "member_code": "xxxx", "status": //ucc_status } }</pre>
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		<pre>{ "client_code": "66510005", "member_code": "xxxx" }</pre>
messages	Y	Y	object		<p>Array of messages:</p> <pre>{ [{ "msgid": 539, "errcode": "duplicate_record", "field": "", "vals": ["client code", "member code"] }] }</pre> <p>In this response, the response here means there exists a record with the same values i.e. client code and member</p>

					code.
--	--	--	--	--	-------

6.2.2.2 Modify UCC

One or more attributes for UCC can be modified which are permitted for a modification for members. *Please note that a partial number of updates are feasible, and attributes which are not provided in the payload will remain unchanged.* Relevant and frequent business use cases are provided within this sub-section e.g.

- if you are updating bank account details, holder object (or any of its attributes are not required)
- If you are updating the holder's email address, then holder.holder_rank is mandatory, but holder.occ_code, holder.auth_mode etc. are optional if those are not changed.

The same endpoint can be used to update one or more attributes of UCC. For clarity, this section provides examples for changing different attributes / object types.

6.2.2.2.1 Modify UCC Validation Rules

Section	Action	Mandatory Fields
Depository	Add New Account	depository_code, dp_id, client_id, cmbp_id, bank_account, account_owner
Depository	Delete Account	dp_id, client_id
Depository	Update Existing Account	depository_code, dp_id, client_id, bank_account
Depository	Add Identifier	All fields as per Add UCC block
Depository	Delete Identifier	Correct identifier file name and identifier type

Bank	Add New Account	ifsc_code, bank_acc_num, bank_acc_type, account_owner
Bank	Update Existing Account	ifsc_code, bank_account_num
Bank	Add Identifier	All fields as per Add UCC block
Bank	Delete Identifier	Correct identifier file name and identifier type
Indian/Communication Address	Update Address	member_code, client_code
Foreign Address	Update Address	member_code, client_code
FATCA	Update	Identifier block required
Holder	Update Existing Holder	is_pan_exempt, holder_rank
Holder	Modify Identifier	Previous identifier in delete block
Holder Contact	Update Contact Details	country_code, contact_type, email_address, whose_email_address
Holder Nomination	Update Nomination Details	holder_rank, pan_exempt
Holder Person	Update Holder Person	holder_rank, pan_exempt

6.2.2.2.2 Modify UCC profile

POST /v2/update_ucc

```
{
  "data": {
    "member": { ... },
    "investor": { ... },
    "holder": { ... }
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
investor	Y	N	Object		Investor/Client code: UCC Investor_ucc

parent_client_code	N	N	String		Parent client code if available
holder	Y	N	Object		Refer to investor object. UCC details can be modified for a registered holder on the platform, or directly within RTA records as a pass through via the platform. Holder

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "data": { "client_code": "xxxx", "member_code": "yyyy", "parent_client_code": "", "status": "APPROVED" } }
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 1507, "errcode": "record_not_found" }]

6.2.2.2.3 Update Bank Details

POST /v2/update_ucc

```
{
  "data": {
    "member": { ... },
    "investor": { ... },
    "bank_account": {
      "add": [

```

```

        { ... bank_account ... }
    ],
    "delete": [
        { ... bank_account ... }
    ]
}
}
}
}

```

Notes

1. Only those bank accounts can be deleted which are not linked with any of the DP accounts submitted as part of UCC. If any of the bank accounts which are linked with DP account, first update DP account details.

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
investor	Y	N	Object		Investor/Client code: UCC Investor
parent_client_code	N	N	String		Parent client code if available
bank_account	Y	Y	Object	5	List of Bank Accounts. bank_account

6.2.2.2.4 Register nominees

Note that the Nominee set should be a complete set of nominees.

This means that the nomination percentage across all nominees(max 3 nominees are allowed) should add up to 100%

Note that this updated nomination information will replace existing nomination information on confirmation by the client.

POST /v2/update_ucc

```
{
  "data": {
    "member": { ... },
    "investor": { ... },
    "holder": { [
      { ... nomination ... },
      {
        ...
        ... nomination ...
        "guardian": {
          ...
          "First_name": ...
        }
      }
    ]
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
investor	Y	N	Object		Investor/Client code: UCC Investor_ucc
parent_client_code	N	N	String		Parent client code if available

holder	Y	N	Object		Refer to investor object. UCC details can be modified for a registered holder on the platform, or directly within RTA records as a pass through via the platform. Holder
nomination	Y	Y	Object		nomination

6.2.2.2.5 Update FATCA for holder

Note that FATCA(optional UBO and NPO) information has to be a complete set. This means that whatever information is passed in this block will replace existing declaration.

POST /v2/update_ucc

```
{
  "data": {
    "member": { ... },
    "investor": { ... },
    "holder": { ... },
    "fatca": {
      "ubo": { ... },
      "npo": { ... }
    }
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
investor	Y	N	Object		Investor/Client code: UCC Investor_ucc
parent_client_code	N	N	String		Parent client code if available
holder	Y	N	Object		Refer to investor object. UCC details can be modified for a registered holder on the platform, or directly within RTA records as a pass through via the platform. Holder
fatca	Y	Y	Object		FATCA Object. fatca

6.2.2.2.6 Update Communication Address

POST /v2/update_ucc

```
{
  "data": {
    "member": { ... },
    "investor": { ... },
    "comm_addr": {
    }
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
investor	Y	N	Object		Investor/Client code: UCC Investor_ucc
parent_client_code	N	N	String		Parent client code if available

comm_addr	Y	Y	Object		Address object. comm_addr
-----------	---	---	--------	--	---

6.2.2.2.7 Update Foreign Address

POST /v2/update_ucc

```
{
  "data": {
    "member": { ... },
    "investor": { ... },
    "foreign_addr": {
      ...
    }
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
investor	Y	N	Object		Investor/Client code: UCC Investor
parent_client_code	N	N	String		Parent client code if available
foreign_addr		Y	Object		Address object. addr

6.2.2.2.8 Update Depository Account details

POST /v2/update_ucc

```
{
  "data": {
    "member": { ... },
    "investor": { ... },
    "depository": {
      "add": [
        { ... depository_account ... }
      ],
      "delete": [
        { ... depository_account ... }
      ]
    }
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
investor	Y	N	Object		Investor/Client code: UCC Investor_ucc
parent_client_code	N	N	String		Parent client code if available
depository_account	Y	Y	Object	5	List of Depository Accounts. depository

6.2.2.2.9 Update Person Details

POST /v2/update_ucc

```
{
  "data": {
    "member": { ... },
    "investor": { ... },
    "holder": [
      { ... person ... }
    ]
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
investor	Y	N	Object		Investor/Client code: UCC Investor
parent_client_code	N	N	String		Parent client code if available
holder	Y	N	Object		Holder
person	Y	Y	Object		person

6.2.2.2.10 Update Contact Details

POST /v2/update_ucc

```
{
  "data": {
    "member": { ... },
    "investor": { ... },
    "holder": [
      { ... contact ... }
    ]
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
holder	Y	N	Object		Holder
parent_client_code	N	N	String		Parent client code if available
contact	Y	Y	Object		contact

6.2.2.2.11 Update Identifier Details

Identifier block is a part of multiple blocks under UCC.

It is part of “holder”, “Nominee”, “guardian of nominee”, “depository_account”, “bank_account”

POST /v2/

```
{
```

```

"data": {
    "member": { ... },
    "investor": { ... },
    "holder": [
        { ... identifier ... }
    ]
}
}
}
}

```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
holder	Y	N	Object		Holder
parent_client_code	N	N	String		Parent client code if available
identifier	Y	Y	Object		identifier

6.2.2.2.13 UCC Inactive

POST /v2/update_ucc

```

{
  "data": {
    "member": { ... },
    "investor": { ... },
    "ucc_status": ""
  }
}

```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
holder	Y	N	Object		Holder
parent_client_code	N	N	String		Parent client code if available
ucc_status	Y	Y	Object		"inactive"

6.2.2.2.14 Update UCC Holder Object

POST /v2/update_ucc

```

{
  "data": {
    "member": { ... },
    "investor": { ... },
    "holder": {
      "add": [
        {}
      ]
    }
}
}
```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
investor	Y	N	Object		Investor/Client code: UCC Investor_ucc
holder	Y	N	String		Holder object to be updated. Holder

6.2.2.2.15 Mandatory documents in update

Attribute	Mandatory Identifier required
Primary Holder First Name	PAN
Primary Holder Middle Name	PAN
Primary Holder Last Name	PAN
Tax Status	PAN
Primary Holder DOB/Incorporation	PAN
Second Holder First Name	PAN
Second Holder Middle Name	PAN
Second Holder Last Name	PAN
Third Holder First Name	PAN
Third Holder Middle Name	PAN
Third Holder Last Name	PAN
Guardian First Name	PAN
Guardian Middle Name	PAN
Guardian Last Name	PAN
Primary Holder PAN	PAN
Second Holder PAN	PAN
Third Holder PAN	PAN
Guardian PAN	PAN
CDSL DPID	CML
CDSL CLTID	CML
NSDL DPID	CML
NSDLCLTID	CML

6.2.2.3 List UCC

Request

```
POST /v2/list_ucc
```

```
{
  "data": {
    "member": { ... },
    "investor": { ... },
    "ucc_status": { "ACTIVE" },
    "fields": {"ALL"},
    "start": 0,
    "length": 100
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member

investor	N	N	Object		Investor/Client code: UCC Investor_ucc
ucc_status	Y	N	Enum		UCC status ucc_status
fields	Y	Y	Object		[“ALL”]
start	N	N	Integer		Default value 0
length	N	N	Integer		Default value 100
filter_param	N	Y	Object		ucc_list_filter_param

Example: [list_ucc](#)

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		<pre>{ [{ "member": { "member_id": "" }, "investor": { //Investor }, "holding_nature": "", "tax_status": "", "tax_code": "", "rdmp_idcw_pay_mode": "", "is_client_physical": true, "is_client_demat": false, "is_nomination_opted": false, "nomination_auth_mode": "", "ucc_status": "ACTIVE", "comm_mode": "", "onboarding": "", "holder": [//Holder], "comm_addr": { //comm_addr }, "foreign_addr": { //addr }, "bank_account": [{ //bank_account }], "fatca": [//fatca], "identifiers": [] }] }</pre>

					<pre> "ucc_status_obj": { //ucc_status_obj }], "status_count_summary": [{ //status_count_summary_obj }] } </pre>
messages	Y	Y	object		[]

6.2.2.4 Get UCC

Request

```

POST /v2/get_ucc

{
  "data": {
    "member": { ... },
    "investor": { ... },
  }
}
  
```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	Object		Member
investor	Y	N	Object		Investor/Client code: UCC Investor_ucc
parent_client_code	N	N	String		Parent Client Code

Example: [get_ucc](#)

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		<pre> { "member_code": { "member_id": "" }, "investor": { //Investor }, "holding_nature": "", "tax_status": "", "tax_code": "", "rdmp_idcw_pay_mode": "", "is_client_physical": true, "is_client_demat": false, "is_nomination_opted": false, } </pre>

					<pre> "nomination_auth_mode": "", "ucc_status": "ACTIVE", "comm_mode": "", "onboarding": "", "holder": [//Holder], "comm_addr": { //comm_addr }, "foreign_addr": { //addr }, "bank_account": [{ //bank_account }], "fatca": [//fatca], "identifiers": [], "ucc_status_obj": { //ucc_status_obj } } </pre>
messages	Y	Y	object		[]

6.2.3 Order

6.2.3.1 order_new

Place a new order for 'sip', 'stp', 'swp', 'nfo' or 'lumpsum'

Request

```

POST /v2/order_new

{
  "data": {
    "orders":[
      "clientcode": "...",
      /* ... more ... */
    ]
  }
}

```

Attribute	M	List	Type	Limit	Description and example(s)
member	Y	N	String		Member code.
mem_details	N	N	Object		Member Details mem_details
investor	Y	N	Object		Client code of the UCC. Investor
parent_client_code	N	N	String		Parent Client code
mem_ord_ref_id	Y	N	String		Order reference provided by member.

					Minimum Length=1 Maximum Length=32 Allowed values: Numbers and hyphen
type	Y	N	Enum		order_type
src	N	N	Enum		This specifies the source. Order_source Note: This will only be available in response APIs
reg_no	N	N	String		This specifies the registration number for the sxp. Note: This will only be available in response APIs
scheme	Y	N	String		Scheme
amount	C	N	Number		When the field 'all_unit' is true, the amount value is optional.
cur	Y	N	String		The currency for the amount. E.g. "INR"
is_units	N	N	Boolean		Specified if the amount will represent unit
all_units	N	N	Boolean		If true then amount will be 0 and is_unit will be true
folio	C	N	String		Mandatory in case of 'physical' order. In case of Lumpsum_Purchase, Lumpsum_Redeem, Switch and on first purchase type of transaction this can be optional. Minimum Length=1 Maximum Length=28 Allowed values: Numbers and "/"(followed by 2 digits) E.g. 123456/11
is_fresh	Y	N	Boolean		Is the order a fresh order for a specific scheme within the existing folio
min_redeem_flag	N	N	Boolean		Applicable only for redemption. If Yes, then minimum units allowed for redemption in the scheme will be considered.
phys_or_demat	Y	N	Enum		order_phys_or_demat
dest_folio	C	N	String		In case of STP or switch this is to be specified. Minimum Length=1 Maximum Length=28 Allowed values: Numbers and "/"(followed by 2 digits) E.g. 123456/11
dest_scheme	C	N	String		In case of STP or switch this is to be specified.
payment_ref_id	N	N	String		Payment Reference ID
bank_rcpt_id	N	N	String		Bank Receipt ID
email	N	N	String		Email ID
mobnum	N	N	String		Mobile Number with countyCode e.g. for india +91
exch_mandate_id	N	N	Number		Exchange Mandate ID
kyc_passed	N	N	Boolean		Is KYC passed
depository_acct	C	N	Object		Depository Account depository_acct
bank_acct	C	N	Object		In case of Redemption with Demat Order type Bank Account bank_acct is Mandatory.

dpc	N	N	Boolean		Specifies if it is direct payout to client
is_nomination_opted	N	N	Boolean		Is the nomination opted for by the client? Relevant only when Nomination is being provided at order level
nomination_auth_mode	C	N	Enum		If nomination is opted, then what is the nomination authentication mode? Nomination_auth_mode Here only "O" is allowed in case of orders
nomination	C	N	Object		Nomination Object nomination Mandatory if 'is_nomination_opted' is true
holder	C	Y	Object	3	Object order_holder . For excluded members With folio primary holder is mandatory and Without folio all holder's details are mandatory.
special_product	N	N	Object		Special product

Example: [order_new](#)

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		<pre>{ "data": { "items": [{ "mem_ord_ref_id": "12312312", "id": 500000000000000001 }, { "mem_ord_ref_id": "1234567", "id": 500000000000000002 }], "messages": [] } }</pre> <p>where <i>id</i>: numeric order id generated by system <i>mem_ord_ref_id</i>: id generated by member Here both orders were accepted by exchange and therefore the API returned system generated order IDs.</p>
messages	Y	Y	object		[]

Sample Failure response

Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"

data	Y	Y	object		{}
messages	Y	Y	object		<p>Array of messages:</p> <pre>{ "status": "error", "data": { "items": [{ "mem_ord_ref_id": "5451-54675-542-544573", "id": 5000000000000003, "status": "success" }], "messages": [{ "msgid": 1505, "errcode": "id_not_exist", "field": "5451-54675-542-544572.member", "vals": ["MBR0010"] }] } }</pre> <p>In this response, there were two orders of which one was successfully processed and the other had an error.</p> <ol style="list-style-type: none"> For the order with <i>mem_ord_ref_id</i> 5451-54675-542-544573, the request was successful. For the with <i>mem_ord_ref_id</i> 5451-54675-542-544572, there is error: <ul style="list-style-type: none"> The member code "MBR0010" does not exist.

6.2.3.2 order_update

Update an order for 'sip', 'stp', 'swp', 'nfo', or 'lumpsum'

Request

```
POST /v2/order_update

{
  "data": {
    "id": "...",
    /* ... more ... */
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
member	N	N	String		<p>Member code</p> <p>Note: This field cannot be changed in the order_update API</p> <p>Only Member users are allowed to update order. And for members, the same is retrieved from the member's login token only.</p>
mem_details	N	N	Object		Member Details mem_details

investor	Y	N	Object		Client code of the UCC. Investor
parent_client_code	N	N	String		Parent Client code
id	Y	N	Number		Order ID from StarMF system
mem_ord_ref_id	Y	N	String		Order reference provided by member Minimum Length=1 Maximum Length=32 Allowed values: Numbers and hyphen
type	Y	N	Enum		order_type
src	N	N	Enum		This specifies the source. Order source Note: This will only be available in response APIs
reg_no	N	N	String		This specifies the registration number for the sxp. Note: This will only be available in response APIs
scheme	Y	N	String		Scheme
amount	C	N	Number		When the field 'all_unit' is true, the amount value is optional.
cur	Y	N	String		The currency for the amount. E.g. "INR"
is_units	N	N	Boolean		Specified if the amount will represent unit
all_units	N	N	Boolean		If true then amount will be 0 and is_unit will be true
folio	C	N	String		Mandatory in case of 'physical' order. In case of Lumpsum_Purchase, Lumpsum_Redeem, Switch and on first purchase type of transaction this can be optional Minimum Length=1 Maximum Length=28 Allowed values: Numbers and "/"(followed by 2 digits) E.g. 123456/11
is_fresh	Y	N	Boolean		Is the order a fresh order for a specific scheme within the existing folio
phys_or_demat	Y	N	Enum		order_phys_or_demat
dest_folio	C	N	String		In case of STP or switch this is to be specified. Minimum Length=1 Maximum Length=28 Allowed values: Numbers and "/"(followed by 2 digits) E.g. 123456/11
dest_scheme	C	N	String		In case of STP or switch this is to be specified.
payment_ref_id	N	N	String		Payment Reference ID
bank_rcpt_id	N	N	String		Bank Receipt ID
email	N	N	String		Email ID
mobnum	N	N	String		Mobile Number with country Code e.g. for India +91
exch_mandate_id	N	N	Number		Exchange Mandate ID
kyc_passed	N	N	Boolean		Is KYC passed

depository_acct	Y	N	Object		Depository Account depository_acct
bank_acct	Y	N	Object		Bank Account bank acct
dpc	N	N	Boolean		specifies if it is direct payout to client
is_nomination_opted	Y	N	Boolean		Is the nomination opted for by the client? Relevant only when Nomination is being provided at order level
nomination_auth_mode	C	N	Enum		If nomination is opted, then what is the nomination authentication mode? Nomination_auth_mode Here only "O" is allowed in case of orders
nomination	N	N	Object		Nomination Object nomination
holder	N	Y	Object	3	Object order_holder . For excluded members With folio primary holder is mandatory and Without folio all holder's details are mandatory.
special_product	N	N	Object		Special product

Example: [order update](#)

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "data": { "success_id": [5000000000000001] } }
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 1579, "errcode": "invalid", "field": "id", "vals": [

					<pre> "partial payment is done hence update is not allowed", "135792468"] }] </pre>
--	--	--	--	--	---

6.2.3.3 order_cancel

Cancel an open order

Request

```
POST /v2/order_cancel

{
  "data": {
    "id": "...",
    "remark": "..."
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
id	Y	N	Number		Order ID generated by BSE StarMF system
investor	Y	N	Object		Client code of the UCC. Investor
remark	N	N	String		Remarks for order cancellation

Example: [order_cancel](#)

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		<pre> { "data": { "id": 5000000000000002, "investor": Investor, "settlement_no": "" }, } Note: In above settlement_no will optionally be available if the Order has matched with Either the MIS or with the Bank Statement. </pre>
messages	Y	Y	object		[]

Sample Failure response

Attribute	M	List	Type	Limit	Description and example(s)

status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		<p>Array of messages:</p> <pre>[[{ "msgid": 1507, "errcode": "record_not_found" }]</pre>

6.2.3.4 order_list

Request

POST /v2/order_list

```
{
  "data": {
    "status": { },
    "fields": {"ALL"},
    "start": 0,
    "length": 100
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
fields	Y	Y	Object		["ALL"]
count_only	N	N	Boolean		Will return only count of records if the value is true. By default the value is false. So, if the value is not specified, the default value of false is taken.
start	N	N	Integer		It is optional and default value is 0
length	Y	N	Integer		100
filter_param	N	Y	Object		Refer to order_list_filter_param

Example: [order_list](#)

Response

Success response

Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		<pre>{ "data": { "total_count": 1, "lists": [{ "id": 1234567890123, "exch_order_id": "...", ... }] } }</pre>

				<pre> "type": "...", "mem_ord_ref_id": "...", "investor": Investor, "member": "...", "scheme": "...", "amount": "...", "cur": "...", "is_units": "...", "all_units": "...", "is_fresh": "...", "folio_num": "...", "phys_or_demat": "...", "settlement_no": "...", "rta_txn_no": "...", "rta_remark": "...", "reg_no": "...", "payment_ref_id": "...", "payment_aggr_code": "...", "settement_date": "...", "settlement_type": "...", "pg_ref_no": "...", "fund_receipt_date": "...", "status": order_lifecycle_status, "mem_2fa": "...", "mem_2fa_action_at": "...", "mem_paymt": "...", "email": "...", "mobnum": "...", "placed_at": "...", "exch_mandate_id": 0, "kyc_passed": true, "tracker_id": "...", "dpc": true, "remarks": "", "dest_scheme": "", "matched_pa_ids": 0, "pa_matched_at": "", "matched_bank_rcpt": null, "bank_matched_at": "", "full_matched_at": "", "rta_resp_at": "", "rta_resp": null, "dp_resp": null, "refund_details": null, "threshold_isapproved": false, "expires_at": "", "order_added_at": "", "dest_folio": "", "client_code": "...", "holding_nature": "...", "is_client_demat": true, "is_client_physical": false, "member_code": "...", "primary_holder_name": "...", "tax_status": "...", "ucc_status": "...", "nomination": [Nomination], "holder": [Holder], "info": { "min_redeem_flag": "...", "src": "...", "reg_no": ... } </pre>
--	--	--	--	--

					<pre> "mem_details": mem_details }, "order_src_info": order_src_info, "depository_acct": depository_acct, "bank_acct": bank_acct, "rejection_reason": rejection_reason, "history": [history_obj], "allotment_details": allotment_details, "redempt_details": redempt_details, "refund_details": refund_details }] } } </pre>
messages	Y	Y	object		[]

Response

6.2.3.5 order_get

Request

```
POST /v2/order_get

{
  "data": {
    "id": "17ae19fe-73e5-47d4-8afa-66ace884c3d5",
    "filter_param": {
      "open_close": "o"
    }
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
id	Y	N	Number		Order ID generated by BSE StarMF system
open_close	N	N	Enum		order_status

Example: [order_get](#)

Response

Success response

Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		<pre>{ "data": { "id": 1234567890123, "exch_order_id": "...", "type": "...", "mem_ord_ref_id": "...", "investor": Investor, "member": "...", "scheme": "...", "amount": "...", "cur": "...", "is_units": "...", ... } }</pre>

				<pre> "all_units": "...", "is_fresh": "...", "folio_num": "...", "phys_or_demat": "...", "settlement_no": "...", "rta_txn_no": "...", "rta_remark": "...", "reg_no": "...", "payment_ref_id": "...", "payment_aggr_code": "...", "settlement_date": "...", "settlement_type": "...", "pg_ref_no": "...", "fund_receipt_date": "...", "status": order.lifecycle_status, "mem_2fa": "...", "mem_2fa_action_at": "...", "mem_paymt": "...", "email": "...", "mobnum": "...", "placed_at": "...", "exch_mandate_id": 0, "kyc_passed": true, "tracker_id": "...", "dpc": true, "remarks": "", "dest_scheme": "", "matched_pa": null, "pa_matched_at": "", "matched_bank_rcpt": null, "bank_matched_at": "", "full_matched_at": "", "rta_resp_at": "", "rta_resp": null, "dp_resp": null, "refund_details": null, "threshold_isapproved": false, "expires_at": "", "order_added_at": "", "dest_folio": "", "expiresat": "", "client_code": "...", "holding_nature": "...", "is_client_demat": true, "is_client_physical": false, "member_code": "...", "primary_holder_name": "...", "tax_status": "...", "ucc_status": "...", "nomination": [nomination], "holder": [Holder], "manually_upadated_at": "", "manually_updated_by": "", "threshold_rejected_by": "", "threshold_rejected_at": "", "match_bank_rcpt_id": 0, "info": { "min_redeem_flag": "...", "src": "...", "reg_no": "...", "mem_details": mem.details } }, </pre>
--	--	--	--	--

					<pre> "order_src_info": order_src_info, "depository_acct": depository_acct, "bank_acct": bank_acct, "rejection_reason": rejection_reason, "history": [history_obj], "allotment_details": allotment_details, "redempt_details":allotment_details, "refund_details": refund_details } } </pre>
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ }]

6.2.4 SxP (SIP/SWP/STP)

SxP covers SIP (including XSIP and ISIP), SWP and STP new registrations and updates.

6.2.4.1 `sxp_register`

POST /v2/sxp_register					
{					
"data": {					
"sxp_type": "...",					
"mem_ord_ref_id" : "...",					
/* ... more ... */					
}					
}					
Attribute	M	List	Type	Limit	Description and example(s)
sxp_type	Y	N	Enum		sxp_type
mem_sxp_ref_id	N	N	String		Order reference provided by member Minimum Length=1 Maximum Length=32 Allowed values: Numbers and hyphen
investor	Y	N	Object		Client code of the UCC. Investor

member	Y	N	String		Member code
parent_client_code	N	N	String		Parent Client code
src_scheme	Y	N	String		Source Scheme
dest_scheme	C	N	String		Destination Scheme is Mandatory, If SXP Type is STP and destination scheme of same AMC as Source Scheme
amc_code	N	N	String		AMC Code
exch_mandate_id	C	N	Number		Exchange Mandate ID - mandatory to register XSIP, else optional
amount	Y	N	Number		Amount of money. In case of "swp", amount of money or units.
cur	Y	N	String		The currency for the amount. E.g. "INR"
isunits	N	N	Boolean		Specified if the amount will represent unit
all_units	N	N	Boolean		If true then amount will be 0 and is_unit will be true
src_folio	N	N	String		Source Folio Number Minimum Length=1 Maximum Length=28 Allowed values: Numbers and "/"(followed by 2 digits) E.g. 123456/11
dest_folio	N	N	String		Destination Folio Number Minimum Length=1 Maximum Length=28 Allowed values: Numbers and "/"(followed by 2 digits) E.g. 123456/11
is_fresh	Y	N	Boolean		Is the order a fresh order for a specific scheme within the existing folio
dpc	N	N	Boolean		Specifies if it is direct payout to client
phys_or_demat	Y	N	Enum		order_phys_or_demat
start_date	Y	N	Date		The date when the sxp start is triggered. (YYYY-MM-DD) e.g. "2024-04-30"
ninstallments	C	N	Number		Specify number of instalments, end date is calculated based on this value except for freq of type daily, omitted when freq type is daily.
end_date	C	N	Date		Last trigger date of sxp, mandatory for freq of type daily. (YYYY-MM-DD) e.g. "2024-04-30"
freq	M	N	Enum		sxp_freq
txn_date	C	N	Number		If the "freq" is "w" then txn_date will indicate day of the week else txn_date will indicate the date of the period. This field will be ignored if the "freq" is "d". If the "freq" is daily then it is optional, for all the other "freq", it is mandatory.
payment_ref_id	N	N	String		Value will be given in case of sip, first order placed.

info	N	N	Object		info_sxp
depository_acct	Y	N	Object		Depository Account depository_acct
bank_acct	N	N	Object		In Case of SWP with Dmat Order type Bank Account bank_acct is mandatory
email	N	N	String		Email Address
mobnum	N	N	String		Mobile Number with Country Code e.g. for India +91
first_order_today	N	N	Boolean		when specified then the start_date for the reg should be today
brokerage	N	N	Number		Brokerage amount should be less than or equal to 2.5 percent of the instalment amount
nomination	N	N	Object		Nomination Object nomination
holder	M	Y	Object	3	Object order_holder . For excluded members With folio primary holder is mandatory and Without folio all holder's details are mandatory.
special_product	N	N	Object		Special product
remark	N	N	String		Remarks Minimum Length=1 Maximum Length=128
kyc_passed	N	N	Boolean		Can have true or false values
mem_details	N	N	Object		Member Details mem_details

Example: [sxp_register](#)

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	C	Y	object		<pre>{ "data": { "id": "98765432123456789" } }</pre> <p>OR</p> <p>If FOT(First Order today) is true then below response will come</p> <pre>{ "data": { "order_id":0, "sxp_id": "98765432123456789" } }</pre>
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		<p>Array of messages:</p> <pre>[{ "msgid": 522, "errcode": "required", "field": "ucc", "vals": [] }]</pre> <p>OR</p> <pre>{ "status": "error", "data": { "order_id": 0, "sxp_id": "202504280000047" }, "messages": [{ "msgid": 3520, "errcode": "endpoint_not_found", "field": "order_new", "vals": ["202504280000047"] }] }</pre>

6.2.4.2 `sxp_cancel`

Cancel an open order

POST /v2/sxp_cancel

```
{
  "data": {
    "reg_no": "..."
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
reg_no	Y	N	String		Sxp registration no generated by the starMF system
reason_cd	Y	N	Enum		Refer to sxp_cancel_reason

reason_cd_msg	C	N	String		Cancel reason. Mandatory if reason_cd=13
sxp_type	Y	N	Enum		sxp_type

Example: [sxp_cancel](#)

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "data": { "id": "..." } }
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", "field": "reason_cd", "vals": [] }]

6.2.4.3 sxp_topup

Top Up and existing 'sip', 'stp' or 'swp' order

POST /v2/sxp_topup

```
{
  "data": {
    "reg_no": "1234567890123456",
    "mem_sxp_ref_id": "5465-5465-54-5446",
    "amount": 1000,
    "cur": "INR",
    "start_date": "2023-03-16",
    "end_date": null,
    "freq": "w",
    "txn_date": 1,
    "payment_ref_id": ""
  }
}
```

```

        "remark": "any comment",
        "first_order_today": true,
        "email": "...",
        "mobnum": "..."
    }
}

```

Attribute	M	List	Type	Limit	Description and example(s)
reg_no	Y	N	String		The registration number for the sxp_type.
mem_sxp_ref_id	N	N	String		Provided by Member.
amount	Y	N	float		Amount of money
cur	Y	N	String		The currency for the amount. In case of swp and stp is only meaningful if isunits is false.id
start_date	Y	N	String		The date when the sxp start trigger.
end_date	C	N	String		Last trigger date of sxp. Mandatory for freq of type daily.
ninstallments	C	N	int		Specify number of installments, end date is calculated based on this value except for freq of type daily, omitted when freq type is daily.
freq	Y	N	String		This is enum, with allowed value for only h for halfyearly and y for yearly.
txn_date	N	N	int		Indicate payment date. values from 1-28 only
payment_ref_id	N	N	String		Value will be given in case of sip, first order placed.
remark	N	N	String		Should be added in source_info
first_order_today	N	N	boolean		When specified then the start_date for the reg should be today
email	N	N	String		Email ID of the investor
mobnum	N	N	String		Mobile Number of the investor

Example: [sxp_topup](#)

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "data": { "top_up_id": "..." } }

messages	Y	Y	object		[]
----------	---	---	--------	--	----

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", "field": "reg_no" }]

6.2.4.4 `sxp_set_pause`

Pause an running 'sip', 'stp' or 'swp' order

POST /v2/sxp_set_pause

```
{
  "data": {
    "reg_no": "",
    "ninstallments" : "...",
    "paused_from" : "..."
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
reg_no	Y	N	String		The registration number for the <code>sxp_type</code> .
ninstallments	Y	N	String		Number of installments. Minimum and Maximum values for this must be as per scheme master
paused_from	Y	N	Date		pause start date (YYYY-MM-DD) e.g. "2024-04-30"

Example: [sxp_set_pause](#)

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "data": { "id": "..." } }

messages	Y	Y	object		[]
----------	---	---	--------	--	----

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", "field": "reg_no" }]

6.2.4.5 `sxp_resume`

Resume an paused ‘sip’, ‘stp’ or ‘swp’ order

POST /v2/sxp_resume

```
{
  "data": {
    "reg_no": "",
    "resume_reason": "..."
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
reg_no	Y	N	String		The registration number for the <code>sxp_type</code> .
resume_reason	N	N	String		Reason to resume the <code>sxp</code>

Example:

Response

Success response

Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "data": { "id": ... } }
messages	Y	Y	object		[]

Sample Failure response

Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", "field": "reg_no" }]

6.2.4.6 sxp_list

POST /v2/sxp_list

```
{
  "data": {
    "status": { "" },
    "fields": {"ALL"},
    "count_only": false,
    "start": 0,
    "length": 100
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
fields	Y	Y	Object		["ALL"]
count_only	N	N	Boolean		Will return only count of records if the value is true. By default the value is false. So, if the value is not specified, the default value of false is taken.
start	N	N	Integer		The default value of start is 0, if no value is specified.
length	Y	N	Integer		100
filter_param	N	Y	Object		sxp_list_filter_param

Example: [sxp_list](#)

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "data": { "lists": [{ "sxp_type": "SIP", "mem_sxp_ref_id": "...", "ucc": "...", "member": ... }] } }

				<pre> "src_scheme": "...", "dest_scheme": "...", "amc_code": "...", "exch_mandate_id": 0, "amount": 3234, "cur": "...", "src_folio": "", "dest_folio": "", "phys_or_demat": "...", "is_units": false, "dpc": false, "start_date": "...", "end_date": "...", "freq": "...", "txn_date": 23, "info": { "mem_details": { "euin_flag": true, "mem_type": "...", "partner_id": "...", "sub_br_arn": "...", "sub_br_code": "..." } }, "depository_acct": { "client_id": "", "depository": "", "dp_id": "" }, "bank_acct": { "ifsc": "", "name": "", "no": "", "type": "" }, "remark": "...", "email": "...", "mobnum": "...", "brokerage": 0, "kyc_passed": false, "special_product": { "goal_amt": 0, "goal_type": "", "sip_tenure": 0, "special_prod_name": "", "special_prod_type": "", "target_amt": 0, "target_scheme": "" }, "holder": {}, "nomination": {}, "next_due_date": "...", "previous_paid_date": "...", "n_installment_paid": 0, "total_amt_paid": 0, "npauses": "", "paused_from": "", "paused_till": "", "next_schedule_at": "", "npayments_missed": "", "invalidated_at": "", "invalidate_reason": "" } </pre>
--	--	--	--	---

					<pre> "sprod_sxp": {}, "status": sxp_lifecycle_status }], }] } </pre>
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", "field": "fields" }]

6.2.4.7 `sxp_get`

POST /v2/sxp_get

```
{
  "data": {
    "reg_no": "123123"
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
reg_no	Y	N	String		SXP Registration No
sxp_type	Y	N	Enum		sxp_type

Example: [sxp_get](#)

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		<pre> "data": { "sxp": { "sxp_type": "XSIP", "mem_sxp_ref_id": null, "referenced_from": null, } } }] } </pre>

					<pre> "ucc": "CLT0526", "member": "0526", "src_scheme": "KJSEDR2-DP", "dest_scheme": "", "amc_code": "SSS", "exch_mandate_id": 500000003, "amount": 4700, "cur": "zxzzz", "src_folio": "", "dest_folio": "", "phys_or_demat": "P", "is_units": false, "dpc": true, "start_date": "2024-09-10", "end_date": "2024-09-17", "freq": "w", "txn_date": 1, "info": { "mem_details": { "euin_flag": true, "mem_type": "STOCK_BROKER", "partner_id": "partner_id", "sub_br_arn": "arn", "sub_br_code": "code" } }, "depository_acct": depository_acct, "bank_acct": bank_acct, "remark": "any comment", "email": "xxx@gmail.com", "mobnum": "+919985", "ref_type": null, "brokerage": 0, "kyc_passed": false, "special_product": null, "holder": null, "nomination": null, "next_due_date": "2024-09-10T00:00:00Z", "previous_paid_date": "", "n_installment_paid": 0, "total_amt_paid": 0, "npauses": "", "paused_from": "", "paused_till": "", "next_schedule_at": "", "npayments_missed": "", "invalidated_at": "", "invalidate_reason": "" }, "sprod_sxp": {}, "status": sxp_lifecycle_status }] </pre>
messages	Y	Y	object		[]

Sample Failure response

Attribute	M	List	Type	Limit	Description and example(s)
-----------	---	------	------	-------	----------------------------

status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", "field": "reg_no" }]

6.2.4.8 `sxp_get_history`

POST /v2/sxp_get_history					
Attribute	M	List	Type	Limit	Description and example(s)
reg_no	Y	N	String		SXP Registration No
fields	Y	Y	Object		["ALL"]
filter_param	N	Y	Object		sxp_history_filter_param

Example: [sxp_get](#)

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "data": { "lists": [{ "all_units": false, "amount": 1000, "cur": "...", "date": "...", "dest_folio": "...", "dest_scheme": "...", "folio": "...", "history": [{ "event_status": "...", "msg": "...", "when": "...", "user": ... }, { ... }] }] } }

					<pre> "event_status": "...", "msg": "...", "when": "...", "user": ... }], "id": 5000000172, "is_units": false, "mem_ord_ref_id": "...", "member": "...", "payment_ref_id": "...", "phys_or_demat": "...", "regst_no": "...", "src_scheme": "...", "status": "...", "txn_type": "...", "ucc": "..." }] } </pre>
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", "field": "reg_no" }]

6.2.5 NFT

The process for NFT is as follows:

1. The member will send a request to StARMF system.
2. Members will receive the system generated request ID.
3. StARMF system will fetch details from the respective RTA and send a link for 2FA to the client.
4. Once the client approves the 2FA, the request will be sent to the RTA and the response from RTA will be sent to the Member via Webhook.
5. The member can check the status of the request by sharing the system request ID in the API request as received in step 2.

6.2.5.1 Nominee Change

```
POST /v2/nft_nominee_change
{
  "data": {
    "nft_auth": { ... },
    "nominee_change_info": {"..."}
  }
}
OR
{
  "data": {
    "request_id": "..."
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
nft_auth	Y	N	Object		nft_auth
nominee_change_info	Y	N	Object		nominee_change_info
request_id	N	N	String		Request ID generated by the System. If request ID is passed, the system will check for existing requests and provide responses. It'll not make the API call to RTA.

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "data": { "request_id": "..." } }
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", "field": "rtा" }]

6.2.5.2 Contact change

```
POST /v2/nft_contact_change
{
  "data": {
    "nft_auth": { ... },
    "contact_info": { "..."}
  }
}
OR
{
  "data": {
    "request_id": "..."
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
nft_auth	Y	N	Object		nft_auth
contact_info	Y	N	Object		contact_info
request_id	N	N	String		Request ID generated by the System. If request ID is passed, the system will check for existing requests and provide responses. It'll not make the API call to RTA.

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "data": { "request_id": "..." }, }
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", "field": "rtा" }]

]	
--	--	--	--	--	---	--

6.2.5.3 Bank Account change

POST /v2/nft_bank_account_change

```
{
  "data": {
    "nft_auth": { ... },
    "bank_change_info": "..."
  }
}
OR
{
  "data": {
    "request_id": "..."
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
nft_auth	Y	N	Object		nft_auth
bank_change_info	Y	N	Object		bank_change_info
request_id	N	N	String		Request ID generated by the System. If request ID is passed, the system will check for existing requests and provide responses. It'll not make the API call to RTA.

Response

Success response

Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "data": { "request_id": "..." } }
messages	Y	Y	object		[]

Sample Failure response

Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", }

					"field": "rtb" }]
--	--	--	--	--	--------------------------

6.2.6 Payment Aggregator

6.2.6.1 Submit Payment Aggregation (MIS) report

If the same request is submitted more than once for the same payment_ref_id, then subsequent requests will be ignored.

Request

POST /v2/upload_mis

```
{
  "data": [
    {
      "member": "...",
      "clientcode": "....",
      "amount": ,
    }
  ]
}
```

"data": list of objects. Attributes for each object described below. The Maximum number of objects in the list is 5000 (*will be fine tuned later*).

Attribute	M	List	Type	Limit	Description and example(s)
payment_ref_id	C	N	String		PG Reference no/ Mandate ID/Transaction ref ID. Blank only in case of NEFT mis_type. MandateID in case of XSIP and OTM mis_type Deposit Challan No in case of CHEQUE mis_type If the attribute paymt_mode is NEFT, RTGS, IMPS, Internal Fund Transfer then this field is optional.
agency_code	Y	N	String		Agency Code for instance RZP/ICI/RCB/TCP (3 characters)
mis_type	Y	N	Enum		Type of MIS being uploaded. mis_type
member	C	N	String		Member code. If paymt_mode is NEFT, RTGS, IMPS, Internal Fund Transfer then this field is optional.
investor	C	N	Object		Investor (UCC/pan holder details). Investor_mis . If paymt_mode is NEFT, RTGS, IMPS, Internal Fund Transfer then this field is optional.
parent_client_code	N	N	String		Parent Client Code. If paymt_mode is NEFT, RTGS, IMPS, Internal Fund Transfer then this field is optional.
amount	Y	N	amount		Amount received from client as reported by bank. Max 2 decimal are allowed
credit_dt	Y	N	Date		Date on which amount credited - dd-mmm-yyyy
credit_at	N	N	Time		Time at which amount credited HH:MI:SS (PA can put exact time, or 00:00:00 if time is not tracked by PA)

bank_txn_ref	Y	N	String		Bank UTR no / Cheque no
umrn_ref	C	N	String		UMRN
src_bank_acc	Y	N	Object		Investor's bank account details from which fund received. bank_acct
dest_bank_acc	Y	N	Object		Clearing Corp's bank account details to which fund was transferred. bank_acct
exchorder_num	C	N	String		Order number issued by StARMF platform (In case of Lumpsum Txn)
paymt_mode	Y	N	Enum		Payment Receipt Mode. paymt_mode
custom_ref_num	C	N	String		Additional reference number provided by investor's bank, else empty
info	N	N	Object		{ "investor_name": "..." } (this object is only for informational purpose, and will not be interpreted for order processing).
remark	C	N	String	255	Remarks (only printable characters allowed, it has no significance on business logic)
status	C	N	Enum		mis_status

Response

Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		"data": mis_status
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{ }
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", "field": "agency_code" }]

6.2.6.2 Payment Aggregator Get Details

Request

```
POST /v2/get_mis_detail
{
  "data": {
    "payment_ref_id": { ... }
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
payment_ref_id	C	N	String		Payment reference number
utrn_no	C	N	String		UTRN

Any one of the above two are mandatory in the API.

Response

Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		<pre>"data": { "payment_ref_id": "...", "agency_code": "...", "mis_type": "...", "member": "...", "investor": { "ucc": "...", "panholders": "", "holding_nature": ... }, "parent_client_code": "...", "amount": ..., "credit_dt": "...", "credit_at": "...", "bank_txn_ref": "...", "umrn_ref": "", "src_bank_acc": { "no": "...", "ifsc": "...", "name": "...", "type": ... }, "dest_bank_acc": { "no": "...", "ifsc": "...", "name": "...", "type": ... }, "exchorder_num": "...", "paymt_mode": "...", "custom_ref_num": "...", "info": { "investor_name": "" }, ... }</pre>

					<pre> "remark": "...", "status": ... } </pre> <p>Note all fields in the response is same as upload_mis API request.</p>
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{ }
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", "field": "payment_ref_id" }]

6.2.7 Scheme List

Request

```
POST /v2/master_scheme_list
```

```
{
  "data": {
    "status": { "" },
    "fields": {"ALL"},
    "count_only": false,
    "search": {
      "value": "..."
    },
    "start": 0,
    "length": 100
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
fields	Y	Y	Object		["ALL"]
count_only	Y	N	Boolean		Will return only count of records, if the value is true
search	N	N	Object		Value attribute for the text search. { "value": "schemename" } // This is a partial plain text search.
start	Y	N	Integer		0

length	Y	N	Integer		100
filter_param	N	Y	Object		"filter_param": { "scheme_amc_name": "", "scheme_category": "", "scheme_sub_category": "", "investment_mode": "", "scheme_option": "", "scheme_plan": "", "scheme_isin": "", "settlement_days": "", "transaction_allowed": "" },

Response

Sample [Scheme List Sample](#)

Attribute	M	List	Type	Limit	Description and example(s)
parent_scheme_code	Y	N	String		Parent Scheme Code e.g. "B-EQT-ELSS"
parent_scheme_name	Y	N	String		Parent Scheme Name e.g. "Aditya Birla Sun Life ELSS Tax Saver Fund"
name	Y	N	String		Scheme Name. e.g. "ADITYA BIRLA SUN LIFE ELSS TAX SAVER FUND - REGULAR PLAN -IDCW PAYOUT"
scheme_plan	Y	N	Enum		"Direct" "Regular"
scheme_option	Y	N	Enum		"Growth" "IDCW Payout" "IDCW Reinvestment"
scheme_option_frequency	N	N	Enum		"DAILY" "FORTNIGHTLY" "WEEKLY" "MONTHLY" "QUARTERLY" "HALF YEARLY" "ANNUALLY"
schemeAddon	N	N	Enum		"Insurance" "Health Insurance" "Credit Card"
scheme_transaction_mode_allowed	Y	Y	Object		Refer scheme_transaction_mode_allowed
scheme_isin	Y	N	String		ISIN of scheme e.g. "INF209K01090"
scheme_amfi_code	N	N	String		AMFI code of scheme
scheme_bse_code	Y	N	String		BSE scheme code. E.g. "02-DP"
scheme_cpc_code	Y	N	String		Channel Partner Scheme Code.

scheme_amc_name	Y	N	String		Scheme name at AMC. e.g. "ADITYA BIRLA SUN LIFE MUTUAL FUND"
scheme_rta_name	Y	N	String		RTA Scheme Code
scheme_sub_category	Y	N	Enum		Refer scheme_sub_category_type
scheme_sector	N	N	Enum		"Agriculture" "Infrastructure" "Technology" ...
scheme_benchmark	N	N	Enum		"BSE100" "BSE_SMALLCAP" "BSE_MIDCAP" "BSE_SENSEX_50" ...
scheme_face_value	Y	N	Integer		Face Value of Scheme
scheme_offer_status	N	N	Enum		"NFO" "OPEN" "CLOSED"
scheme_offer_type	Y	N	Enum		"OPEN_ENDED" "CLOSED_ENDED" "INTERVAL"
scheme_investment_mode	Y	N	String		"ACTIVE" "PASSIVE"
scheme_redemption_settlement_days	Y	N	Enum		"T1" "T2" "T3" "T4" "T4" "T6" "T7" "T8" "T9" "T10"
scheme_nfo_date_time_detail	N	Y	Object	Y	Refer scheme_nfo_date_time_detail
nfo_payment_details	N	Y	Object	Y	Refer nfo_payment_details
nfo_open_date	N	N	String		NFO Open date
nfo_close_date	N	N	String		NFO Close date
nfo_allotment_date	N	N	String		NFO Allotment Date
reopen_date	N	N	String		Reopen Date for scheme
scheme_interval_lifecycle	N	Y	Object	Y	Refer scheme_interval_lifecycle

scheme_last_order_closure_date	N	N	String		Scheme Last Order Closure Date
scheme_final_closure_date	N	N	String		Scheme Final Closure Date
scheme_entry_load	N	N	String		Scheme Order Entry Load
scheme_entry_load_remarks	N	N	String		Scheme Order Entry Load Remarks
scheme_exit_load	N	N	String		Scheme Exit Load
scheme_exit_load_remarks	N	N	String		Scheme Exit Load Remarks
scheme_lockin_period	N	N	Integer		Scheme Lockin Period.
scheme_lockin_period_type	N	N	Integer		“Months” “Days” “Years”
lumpsum	Y	Y	Object		Refer scheme_lumpsum
systematic	Y	Y	Object		Refer scheme_systematic
scheme_category	N	N	String		Category of the scheme
amc_active_flag	N	N	Boolean		AMC is active or not
is_active	N	N	Boolean		If the scheme is active or not
scheme_amc_code	Y	Y	String		“NH32”
scheme_rta_code	Y	Y	String		“NH1”
sip_flag	Y	N	Boolean		false
stp_in_flag	Y	N	Boolean		false
stp_out_flag	Y	N	Boolean		false
switch_in_flag	Y	N	Boolean		false
switch_out_flag	Y	N	Boolean		false
swp_flag	Y	N	Boolean		false
systematic_transaction_detail	Y	N	Object		<pre>[{"Scheme_sxp_installment_numbers": {"Scheme_sxp_max_installments": 100000, "Scheme_sxp_min_installments": 1}, "Scheme_transaction_amt": {}}</pre>

					<pre> "scheme_transaction_max_amt": 1000000, "scheme_transaction_min_adtnl_amt": null, "scheme_transaction_min_amt": 1, "scheme_transaction_mult_amt": 1 }, "scheme_transaction_units": { "scheme_transaction_max_unit": 1000000, "scheme_transaction_min_unit": 1, "scheme_transaction_mult_unit": 1 } } </pre>
--	--	--	--	--	--

6.2.8 NAV Master List

Request

```

POST /v2/nav_master_list
{
  "count_only" : false,
  "start" : 0,
  "length" : 50
  "filter_param" : {
    "nav_date" : "01-Jan-2020",
    "bse_scheme_code" : "ARDD-DR"
  }
}

```

Attribute	M	List	Type	Limit	Description and example(s)
count_only	Y	N	Boolean		Will return count of records, if the value is true
fields	Y	Y	Object		[“ALL”]
start	Y	N	Integer		0
length	Y	N	Integer		100
filter_param	N	Y	Object		nav_filter_param

Response

The response of the API will contain a List of Orders that matches the information passed.

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		“success”
data	Y	Y	object		<pre> "data": { "count": 1, "lists": [{ "nav_date": "06-Jan-2025", "bse_scheme_code": "ARDD-DR", "isin": "INF754K01BQ6", "scheme_name": "EDELWEISS BALANCED" }] } </pre>

					ADVANTAGE FUND - DIRECT PLAN QUARTERLY IDCW REINVESTMENT", "nav": 11.25, "rta_scheme_code": "... }] }
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{"errid": 517, "errcode": "missing", "field": "nav_date" }]

6.2.9 Get Payment Details

Request

```
POST /v2/get_payment_detail
{
  "data": {
    "bank_txn_ref": "",
    "order_id": "",
    "payment_ref_id": ""
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
bank_txn_ref	C	N	String		Bank UTR no
order_id	C	N	String		StaRMF Generated Order ID
payment_ref_id	C	N	String		Payment reference ID

In the above API, at least one of the above 3 fields is required.
Only one field can be passed.

Response

The response of the API will contain a List of Orders that matches the information passed.

Success response

Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "data": { "order_list": [{ "id": "1234567890123", "exch_order_id": "...", "type": "...", "mem_ord_ref_id": "...", "investor": { "ucc": "..." }, "member": "...", "scheme": "...", "amount": "...", "cur": "...", "is_units": "...", "all_units": "...", "is_fresh": "...", "folio_num": "...", "phys_or_demat": "...", "settlement_no": "...", "rta_txn_no": "...", "rta_remark": "...", "reg_no": "...", "payment_ref_id": "...", "payment_aggr_code": "...", "settlement_date": "...", "settlement_type": "...", "pg_ref_no": "...", "fund_receipt_date": "...", "status": "order_lifecycle_status", "info": { "min_redeem_flag": "...", "src": "...", "reg_no": "...", "mem_details": { "broker_arn": "...", "euin_flag": "...", "euin": "...", "sub_br_code": "...", "sub_br_arn": "...", "partner_id": "...", "mem_type": "...", "broker_code": "..." } }, "mem_2fa": "...", "mem_2fa_action_at": "...", "mem_paymt": "...", "order_src_info": { "src_isin": "...", "src_sch_rta_code": "...", "src_sch_opt": "...", "sip_rgdt": "...", "sip_fq": "...", "sip_st_dt": "...", "sip_end_dt": "..." } }] } }

				<pre> "email": "...", "mobnum": "...", "placed_at": "...", "exch_mandate_id": 0, "kyc_passed": true, "tracker_id": "...", "depository_acct": { "depository": "...", "dp_id": "...", "client_id": "...." }, "bank_acct": { "ifsc": "...", "no": "...", "type": "...", "name": "...", "branch_name": "...", "bank_city": "...." }, "dpc": true, "remarks": "", "dest_scheme": "", "matched_pa": null, "pa_matched_at": "", "matched_bank_rcpt": null, "bank_matched_at": "", "full_matched_at": "", "rejection_reason": { "by": "", "reason": "" }, "rtा_resp_at": "", "rtा_resp": null, "dp_resp": null, "refund_details": null, "threshold_isapproved": false, "expires_at": "", "order_added_at": "", "history": [{ "event_status": "...", "msg": "...", "when": "...", "user": "..." }], "dest_folio": "", "expiresat": "", "nomination": [], "holder": [], "client_code": "...", "holding_nature": "...", "is_client_demat": true, "is_client_physical": false, "member_code": "...", "primary_holder_name": "...", "tax_status": "...", "ucc_status": "...", "allotment_details": { "allotment_date": "...", "allotment_partial_full": "...", "allotment_units": "..." } </pre>
--	--	--	--	---

					<pre> "short_units": "...", "allotment_amount": "...", "allotment_nav": "...", "nav_date": "...", "folio": "...", "stt": "...", "stamp_duty": "..." }, "redempt_details": { "redempt_date": "...", "redempt_units": "...", "redempt_amount": "...", "redempt_nav": "...", "nav_date": "...", "folio": "...", "tds": "...", "exit_load": "...", "payout_date": "...", "payout_utr": "...", "bank_acct": "...", "paymt_mode": "...", "dispatch_ref_no": ... }, "refund_details": { "refund_receipt_date": "...", "refund_amount": "...", "interest_amount": "...", "total_amount": "...", "refund_due_date": "...", "refund_hist": [{ "refund_release_date": "...", "refund_status": "...", "refund_utr": "...", "reversal_date": "...", "reversal_utr": ... }] } },] } </pre>
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", }]

] } "field": "bank_txn_ref"
--	--	--	--	--	--------------------------------

6.2.10 List Payment Details

Request

```
POST /v2/list_payment_detail
{
  "data": [
    {
      "bank_txn_ref": "",
      "order_id": "",
      "payment_ref_id": ""
    }
  ]
}
```

Attribute	M	List	Type	Limit	Description and example(s)
bank_txn_ref	C	N	String		Bank UTR no
order_id	C	N	String		StaRMF Generated Order ID
payment_ref_id	C	N	String		Payment reference ID

In the above API, at least one of the above 3 fields is required.

Only one field can be passed.

In the List API, a maximum of 50 objects can be passed.

Response

The response of the API will contain a List of Orders that matches the information passed.

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		<pre>{ "data": { "payment_detail": [{ "bank_txn_ref": "1231231231", "order_id": "", "payment_ref_id": "", "order_list": [{ "id": 1234567890123, "exch_order_id": "...", "type": "...", "mem_ord_ref_id": "...", "investor": { "ucc": ... }, "member": "...", "scheme": "...", "amount": ... }] }] } }</pre>

				<pre> "cur": "...", "is_units": "...", "all_units": "...", "is_fresh": "...", "folio_num": "...", "phys_or_demat": "...", "settlement_no": "...", "rta_txn_no": "...", "rta_remark": "...", "reg_no": "...", "payment_ref_id": "...", "payment_aggr_code": "...", "settement_date": "...", "settlement_type": "...", "pg_ref_no": "...", "fund_receipt_date": "...", "status": "order_lifecycle_status", "info": { "min_redeem_flag": "...", "src": "...", "reg_no": "...", "mem_details": { "broker_arn": "...", "euin_flag": "...", "euin": "...", "sub_br_code": "...", "sub_br_arn": "...", "partner_id": "...", "mem_type": "...", "broker_code": ... } }, "mem_2fa": "...", "mem_2fa_action_at": "...", "mem_paymt": "...", "order_src_info": { "src_isin": "...", "src_sch_rta_code": "...", "src_sch_opt": "...", "sip_rgdt": "...", "sip_fq": "...", "sip_st_dt": "...", "sip_end_dt": ... }, "email": "...", "mobnum": "...", "placed_at": "...", "exch_mandate_id": 0, "kyc_passed": true, "tracker_id": "...", "depository_acct": { "depository": "...", "dp_id": "...", "client_id": ... }, "bank_acct": { "ifsc": "...", "no": "...", "type": "...", "name": "...", "branch_name": "...", "bank_city": ... } </pre>
--	--	--	--	---

				<pre> }, "dpc": true, "remarks": "", "dest_scheme": "", "matched_pa": null, "pa_matched_at": "", "matched_bank_rcpt": null, "bank_matched_at": "", "full_matched_at": "", "rejection_reason": { "by": "", "reason": "" }, "rta_resp_at": "", "rta_resp": null, "dp_resp": null, "refund_details": null, "threshold_isapproved": false, "expires_at": "", "order_added_at": "", "history": [{ "event_status": "...", "msg": "...", "when": "...", "user": ... }], "dest_folio": "", "expiresat": "", "nomination": [], "holder": [], "client_code": "...", "holding_nature": "...", "is_client_demat": true, "is_client_physical": false, "member_code": "..", "primary_holder_name": "...", "tax_status": "...", "ucc_status": "...", "allotment_details": { "allotment_date": "...", "allotment_partial_full": "...", "allotment_units": "...", "short_units": "...", "allotment_amount": "...", "allotment_nav": "...", "nav_date": "...", "folio": "...", "stt": "...", "stamp_duty": ... }, "redempt_details": { "redempt_date": "...", "redempt_units": "...", "redempt_amount": "...", "redempt_nav": "...", "nav_date": "...", "folio": "...", "tds": "...", "exit_load": "...", "payout_date": ... } </pre>
--	--	--	--	---

					<pre> "payout_utr": "...", "bank_acct": "...", "paymt_mode": "...", "dispatch_ref_no": "..." }, "refund_details": { "refund_receipt_date": "...", "refund_amount": "...", "interest_amount": "...", "total_amount": "...", "refund_due_date": "...", "refund_hist": [{ "refund_release_date": "...", "refund_status": "...", "refund_utr": "...", "reversal_date": "...", "reversal_utr": ... }] }] } } </pre>
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", "field": "bank_txn_ref" }]

6.2.11 2FA Link

Request

```

POST /v2/get_2fa_link
{
  "data": [
    {
      "id": "12345678901234567890123456789012"
    }
  ]
}

```

```

"event": "...",
"order": "..."
},
{
"event": "...",
"sxp": ...
},
{
"event": "...",
"mandate": ...
},
{
"event": "...",
"investor":{},
"parent_client_code": ""
}
]
}
}

```

Attribute	M	List	Type	Limit	Description and example(s)
event	Y	N	Enum		2fa_event
For events 'ucc_auth' / 'ucc_elog' / 'ucc_nomination'					
investor	C	N	Object		Investor/Client code: UCC Investor Mandatory for events 'ucc_auth' / 'ucc_elog' / 'ucc_nomination'
parent_client_code	C	N	String		Parent Client Code. If available, then pass for events 'ucc_auth' / 'ucc_elog' / 'ucc_nomination'
member	C	N	String		Member code
For events 'order'					
order	C	N	String		Order ID Mandatory for event 'order'
For events 'sxp'					
sxp	C	N	String		SxP registration number Mandatory for event 'sxp'/'sxp_topup'
For events 'mandate'					
mandate	C	N	String		Mandate registration number Mandatory for event 'mandate'
For events 'nfo'					
nfo	C	N	String		NFO Order ID Mandatory for event 'nfo'
For events 'nft_nominee' / 'nft_contact' / 'nft_bank_acc'					
request_id	C	N	String		Request ID generated by the systems

Response

Attribute	M	List	Type	Limit	Description and example(s)

member	Y	N	Object		Member
investor	Y	N	Object		Investor/Client code: UCC Investor
parent_client_code	C	N	String		Parent Client Code.
action	Y	Y	Object		<pre>{ "status": "success", "data": [{ "member": "0103", "investor": { "client_code": "123456006", "pan_holder": null, "holding_nature": "" }, "parent_client_code": "", "action": { "msgcode": "", "at": "2024-11-05T12:45:47.792797Z", "event": "verify_order_new", "event_object": [{ "holder_rank": "", "pan": "", "2fa_url": "www.google.com" }] } }, { "member": "0103", "investor": { "client_code": "", "pan_holder": null, "holding_nature": "" }, "parent_client_code": "", "action": { "msgcode": "", "at": "2024-12-18T16:00:44.28054Z", "event": "verify_sxp_reg", "event_object": [{ "holder_rank": "", "pan": "", "2fa_url": "http://localhost:8082/s4/2fa_view_object/sxp/22ec71d9-50f1-4257-a813-956af06d4824" }] } }, { "member": "0103", "investor": { "client_code": "1234560041", "pan_holder": null, "holding_nature": "" }, "parent_client_code": "", "action": { "msgcode": "" } }] }</pre>

					<pre> "at": "2024-12-15T11:48:08.271328Z", "event": "verify_mandate_cancel", "event_object": [{ "holder_rank": "", "pan": "", "2fa_url": "http://localhost:8082/s4/2fa_view_object/mandate/0a48a582-581d-4c15-b5a4-a299676af087" }], { "member": "MBR00100", "investor": { "client_code": "ucc45", "pan_holder": null, "holding_nature": "" }, "parent_client_code": "", "action": { "msgcode": "", "at": "2025-01-15T17:35:19.25622Z", "event": "UCC_ELOG", "event_object": [{ "holder_rank": "1", "pan": "NOTPA0008A", "2fa_url": "http://localhost:8080/2fa_view_object/ffa1adf5-33e6-4ad6-848e-f5dd12895cf0" }] }, "messages": null } </pre>
--	--	--	--	--	--

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "msgid": 522, "errcode": "required", "field": "event" }]

6.2.12 Mandate Register

6.2.12.1 Mandate Register

Request

```
POST /mandate_register
{
  "data": {
    "investor": {
      "ucc": "8kr4EBmr"
      // "pan_holders": [
      //   ""
      // ],
      // "holding_nature": "SI"
    },
    "member": "0103",

    "mem_details": {
      "euin": "",
      "euin_flag": true,
      "sub_br_code": "code",
      "sub_br_arn": "arn",
      "partner_id": "partner_id"
    },

    // "parent_client_code": "87654678",
    "investor_bank_details": {
      "ifsc": "UTIB0000145",
      "no": "6986598569865",
      "type": "SA",
      "name": "John Doe",
      "branch": "Ghansoli",
      "vpa": [
        "7558329269@ybl"
      ]
    },
    "mem_mandate_info": {
      "member_mandate_id": "MM123456789",
      "mandate_status_date": "2024-02-12T10:30:00Z",
      "umrn_number": "UMRN987654321",
      "utility_code": "UTL000123",
      "sponsor_code": "SPN456789"
    },
    "amount": 100,
    "start_date": "2025-02-18",
    "valid_till": "2065-02-15",
    "reg_date": "2023-02-15",
    "type": "U",
    "mode": "DD",
    "frequency": "AS AND WHEN PRESENTED",
    "request_type": "Entry"
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
investor	Y	N	Object		Client code of the UCC. Investor

member	N	N	String		Member code
mem_details	N	N	Object		Member Details mem_details
investor_bank_details	Y	N	Object		Bank Account bank_acct
mem_mandate_info	C	N	Object		Mem_mandate_info(mandate) is mandatory when Request Type is Entry
amount	Y	N	Decimal		Maximum amount for the mandate
start_date	Y	N	Date		Start Date of the mandate
valid_till	Y	N	Date		End date of the mandate
reg_date	Y	N	Date		Registration Date
type	Y	N	String		Mandate Types: (N (ENACH), X(NACH), U(UPI))
mode	Y	N	String		ACH or DD
frequency	Y	N	String		Frequency of the mandate, If Mandate Request Type is Registration then Mandate Frequency is As an When Presented
request_type	Y	N	String		REGISTRATION or ENTRY

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "status": "success", "data": { "investor": { "ucc": "8kr4EBmr" }, "member": "0103", "exch_mandate_id": 8 }, "messages": null }
messages	Y	Y	object		[]

Sample Failure response

Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		<p>Array of messages:</p> <pre>{ "status": "error", "data": { "investor": { "ucc": "CLNT0285" }, "member": "0103" }, "messages": [{ "msgid": 3579, "errcode": "invalid", "field": "request_type", "vals": ["Entr1y"] }] }</pre>

6.2.13 Mandate Fetch Details

6.2.13.1 Mandate Fetch Details

Request

```
POST /mandate_get

{
  "data": {
    "exch_mandate_id": 18
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
exch_mandate_id	Y	N	Integer		Mandate id from the exchange

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "status": "success", "data": { "exch_mandate_id": 18, "investor_bank_details": { "no": "980000000000", "vpa": ["7558329269@ybl"], "ifsc": "ABHY0065002", "name": "John Doe", "type": "SA", "branch": "Ghansoli", "micr_code": "" }, "max_txn_amt": 3007, "cur": "INR", "valid_till": "2065-02-15T00:00:00Z", "status": "C", "start_date": "2025-02-15T00:00:00Z", "reg_date": "2025-02-15T00:00:00Z", "type": "N", "ucc": "CLNT10082", "member": "0103", "cancelled_at": "2025-02-15T16:58:45Z", "created_at": "2025-02-15T16:58:45Z", "details": { "field1": "", "blod_id": "" }, "others": { "mem": { "member_id": "", "broker_code": "" }, "mode": "ACH", "status": { "RC": { "when": "2025-02-15T16:57:00.28559441+05:30" } }, "investor": { "ucc": "CLNT10082" }, "frequency": "MONTHLY", "debit_type": "Maximum", "client_name": "", "request_type": "ENTRY", "mem_mandate_info": { "umrn_number": "UMRN987654321", "sponsor_code": "SPN456789", "utility_code": "UTL000123", "member_mandate_id": "MM123456789", "mandate_status_date": "2024-02-12T10:30:00Z" } } } }

					<pre> }, "audit_trail": [{ "msg": "Mandate registered successful 2FA Pending", "user": "member/0103/memberremiges01", "when": "2025-02-15T11:27:00.285774865Z", "event_status": "mandate_registered" }, { "msg": "Mandate registered successfully", "user": "0103", "when": "2025-02-15T11:27:39.988472315Z", "event_status": "mandate_register" }, { "msg": "Mandate cancelled pending for investor auth awaited", "user": "0103", "when": "2025-02-15T11:28:01.230610171Z", "event_status": "mandate_cancel" }, { "msg": "Member cancelled mandate", "user": "0103", "when": "2025-02-15T11:28:45.3867424Z", "event_status": "mandate_cancel" }] }, "messages": [] } </pre>
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		<p>Array of messages:</p> <pre> { "status": "error", "data": null, "messages": [{ "msgid": 3663, "errcode": "id_does_not_exist", "field": "id" }] } </pre>

--	--	--	--	--	--

6.2.14 Mandate List Fetch

6.2.14.1 Mandate List Fetch

Request

```
POST /mandate_list

{
  "data": {
    "start": 0,
    "length": 50,
    "fields": [
      "id",
      "umrn",
      "src_acct",
      "dest_acct",
      "max_txn_amt",
      "cur",
      "valid_till",
      "type",
      "details",
      "is_active",
      "is_verified",
      "verified_on",
      "verified_by_org",
      "cancelled_at",
      "cancelled_by",
      "created_at",
      "ALL"
    ],
    "format": "json",
    "count_only": false,
    "sort_dir": "a",
    "is_compressed": false,
    "search": {
      "value": ""
    },
    "filter_param": {
      "is_active": false,
      "is_verified": true,
      "type": null,
      "member_code": "",
      "status": null,
      "ucc": "",
      "created_at_after": "",
      "created_at_before": ""
    }
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
count_only	Y	N	Boolean		Will return count of records, if the value is true
fields	Y	Y	Object		["ALL"]
start	Y	N	Integer		0
length	Y	N	Integer		100
filter_param	N	Y	Object		mandate_filter_param

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "status": "success", "data": { "lists": [{ "exch_mandate_id": 8, "ucc": "8kr4EBmr", "man_2fa": "n", "man_2fa_action_at": "2023-02-15 00:00:00", "member_code": "0103", "amount": 100, "cur": "INR", "ifsc": "UTIB0000145", "acct_no": "6986598569865", "bank_name": "John Doe", "bank_branch": "Ghansoli", "acct_type": "SA", "mode": "DD", "frequency": "AS AND WHEN PRESENTED", "debit_type": "Maximum", "reg_date": "2023-02-15", "start_date": "2025-02-18", "end_date": "2065-02-15", "type": "U", "details": { "field1": "", "blod_id": "" }, "is_verified": true, "cancelled_at": "2025-02-18", "status": "C", "created_at": "2025-02-18", "audit_trail": [{ "msg": "Mandate registered successful", "user": "member/0103/isec.maker", "when": "2025-02-18T12:05:45.064084815Z", "event_status": "mandate_registered" }] }] } }

					<pre> "msg": "Member cancelled mandate", "user": "0103", "when": "2025-02-18T12:15:09.298791747Z", "event_status": "mandate_cancel" }], "others": { "mode": "DD", "status": null, "investor": { "ucc": "8kr4EBmr" }, "frequency": "AS AND WHEN PRESENTED", "debit_type": "Maximum", "client_name": "", "mem_details": { "euin_flag": true, "member_id": "", "partner_id": "partner_id", "sub_br_arn": "arn", "broker_code": "", "sub_br_code": "code" }, "request_type": "Entry", "mem_mandate_info": { "umrn_number": "UMRN987654321", "sponsor_code": "SPN456789", "utility_code": "UTL000123", "member_mandate_id": "MM123456789", "mandate_status_date": "2024-02-12T10:30:00Z" } }, "identifier": { "identifier": {} } }, "total_count": 1 }, "messages": null } </pre>
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages:

```
{
  "status": "error",
  "data": null,
  "messages": [
    {
      "msgid": 3663,
      "errcode": "id_does_not_exist",
      "field": "id"
    }
  ]
}
```

6.2.15 Mandate Modify

6.2.15.1 Mandate Modify

Request

```
POST /mandate_update

{
  "data": {
    "investor": {
      "ucc": "8kr4EBmr"
      // "pan_holders": [
      //   ""
      // ],
      // "holding_nature": "SI"
    },
    "exch_mandate_id": 11,
    "member": "0103",
    "identifier": {
      "identifier_type": "nach_scan_img",
      "file_name": "nach_scan_img.png",
      "file_blob": "iVBORw0KGgoAAAANSUhEUgADvYzDaqbjaCrqZaWiZd1p8VEQniXDqZHUGG/aG3efRLs1vShm0At/YKHHgCdTVxtYIztRYiEhxqdZfdDkUM4s4mtRpIvMtoRC6DhXZPPmJvpce+bIVq3TjxChBzl+CoikHWZ/mybmwUEjSdttSdxYZTYnYbj0Fs2Vt/vcZq11DSYELvB6E+N8UYbUET11AU6WYoCX9amEPSFzkijMq1G9XVal7mDGNkoGRMJ+CQ4hbF480wR6Pr1CtFWFTdnSy6DPELeN+2uWlnF7MemCHRv3ame1K+yum6/HWxy0uR1OG/KQM91T2p81f6dwPzQs4vyOc7lQFd9DUJntnjs7UbULxZFoOs/oL9OybGbaa1nixLq1XzcW6fz9O8E80ct0ZV+MWh4XwK6dwZxWqe51pzSgTh5/1RVX39V/bjxuAB0Vd/1pnbtTkGQQO2qN5/wF7erLGhtR+/PMLtBu5tTXkpY6OXZ+C3r2FIeH+aL7xK8vP5qtoeufYQB1mmutQxZzP03HvajhFGvoqj7VSiuwz+Rh5ecXt+rF9u1lf/ybv2udL+a9qNVsCPSameuDmBH4n8qpk3d1Pr1e+naa3o8zNUQH8DS+Nn0Rh8C0m9VfwKq1TcnqkZWVt6TaP4os/YuLToc1qpJy1UB6DAWYysQ/CL6a9ZP0yfstTeHvE5Rfs3yiJtOSkDbsWjr8gppphWVtdM+MzhpbvY1220yCFps27q19t15VgK6qsaeSQdbA3h8L62Y1L24LQgL09GSGcdxoEmFLAAr+n0R6PoCE173JE5SGvJUYh3yseuevgtvaBe1TuwVraJwUUZp03ECaUhM4Qn9MssVf17w1NGSO8dqyUMufqA+8nW6B9ZloCu b9jRbgYach6TWkvQXt066FFcb+TgA7jksQbPS0BSCduPH6+mbER+DH4Y6paa9cNbRxVZqPi52GVnFp0+4LAXtE6x3nWcEUpqMocQcLL4LCaFe39IHpojFXcByk9H43FIC2p1hxLTQWgAtw0if/sAO6Oozj0UaEErkJnfrq2LQP1WRmpxk4wiJL0pTPNjV0gOCHM1hh9RnF47KQvf/RW6HWyKrgM/N1D6t016dSjensY9kSepWeF8Q2rYkikgRdVCBS1Z9dyy6qvodpC55shpajiwF/TuK1nTC5YbjUjCP/Yd/d1V1UOxhJzLgoBvmv/ndrbEILX0bQmg17zYddVVV34UMFCQIZ+0/I6YtXaDOiwomSXSmgjemq+GfIE4tY5HLtSkJXZ1PCN8oOo7GzqqmMeG0y1VZaJv2AFa1s6w+IJ51xo+t/YPgeFKVhXbTBq2hV9E3nZecQ5+1LGczXmno+hPqngVw0VHVfFlpCWJRGtpdFuguqEU7NxQ7B+JKpTU0xaGtRIRFdMtPVlk7Vy86Ut5yj0ny2AE0G6SPq63U66qax7DDP1rHmx1AV80f2KW0e7Dg==",
      "file_size": 1024
    }
  }
}
```

```

        }
    }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
investor	Y	N	Object		Client code of the UCC. Investor
exch_mandate_id	Y	N	Integer		Mandate ID
member	N	N	String		Member code
identifier	N	N	Object		identifier

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "status": "success", "data": { "investor": { "ucc": "8kr4EBmr" }, "member": "0103", "exch_mandate_id": 11 }, "messages": null }
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: { }

					<pre> "status": "error", "data": null, "messages": [{ "msgid": 3663, "errcode": "id_does_not_exist", "field": "id" }] } </pre>
--	--	--	--	--	--

6.2.16 Mandate Cancel

6.2.16.1 Mandate Cancel

Request

```

POST /mandate_cancel

{
  "data": {
    "ids": [21],
    "investor": {
      "ucc": "CLNT10082"
      // "pan_holders": [
      //   ""
      // ],
      // "holding_nature": "SI"
    }
    // "parent_client_code": ""
  }
}

```

Attribute	M	List	Type	Limit	Description and example(s)
ids	Y	Y	Array		Mandate IDs to be cancelled
investor	N	N	Object		Client code of the UCC. Investor
parent_client_code	N	N	String		Parent client code of the UCC or Investor

Response

Success response

Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "status": "success", }

					<pre> "data": { "success_id": [21], "investor": { "ucc": "CLNT10082" }, "messages": [] } </pre>
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: { "status": "error", "data": null, "messages": [{ "msgid": 3517, "errcode": "missing", "field": "ids", "vals": ["211"] }] }

6.2.17 Mandate Link

6.2.17.1 Mandate Link

Request

```

POST /link_mandate

{
  "data": {
    "reg_no": "5178b85e-c177-467a-8cdf-15880550e3fb",
    "exch_mandate_id": 23
  }
}
  
```

Attribute	M	List	Type	Limit	Description and example(s)
reg_no	Y	N	String		SXP Registration Number
exch_mandate_id	Y	N	Integer		Exchange Mandate ID

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "status": "success", "data": { "reg_no": "5178b85e-c177-467a-8cdf-15880550e3fb" }, "messages": [] }
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "status": "error", "data": null, "messages": [{ "msgid": 3507, "errcode": "record_not_found", "field": "reg_no", "vals": ["5178b85e-c177-467a-8cdf-15880550e3fk"] }] }]

6.2.18 Mandate Delink

6.2.18.1 Mandate Delink

Request

```
POST /mandate_delink
{
  "data": {
    "reg_nos": ["5178b85e-c177-467a-8cdf-15880550e3fb"]
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
reg_nos	Y	N	Array		SXP Registration Numbers

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		{ "status": "success", "data": { "SuccessIds": ["5178b85e-c177-467a-8cdf-15880550e3fb"], "FailedIds": null }, "messages": null }
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: [{ "status": "error", "data": { "SuccessIds": null, "FailedIds": [...] } }]

					<pre> "5178b85e-c177-467a-8cdf-15880550e3fk"], "messages": [{ "msgid": 3507, "errcode": "record_not_found", "field": "reg_no", "vals": ["5178b85e-c177-467a-8cdf-15880550e3fk"] }] } </pre>
--	--	--	--	--	--

6.2.19 Mandate Status Webhook

6.2.19.1 Mandate Status Webhook

6.2.20 Request Single Payment BSE PG

6.2.20.1 Request Single Payment BSE PG

Request

POST /get_exchpg_service

```

"data": {
    "mem_details": {
        "member": "0103",
        "euin": "",
        "euin_flag": false,
        "sub_br_code": "",
        "sub_br_arn": "",
        "partner_id": ""
    },
    "investor": {
        "ucc": "UCC_CODE01"
    },
    "order_ids": [50000123,50000124],
    "requested_method": "exch_pg_page",
    "payment_mode": [ "upi", "netbanking", "mandate"]
    "redirection_url": ""
}

```

Attribute	M	List	Type	Limit	Description and example(s)
mem_details	N	N	Object		Details of the member
investor	Y	N	Object		Client code of the UCC. Investor

order_ids	Y	Y	Integer		Array of order_ids
requested_method	Y	N	String		Enum value 'exch_pg_page' , or "payment_info_data"
payment_mode	Y	Y	String		The possible values are upi, netbanking, mandate.
redirection_url	Y	N	String		url on which the user journey will be redirected after user activity for the payments is completed from exch_pg_page.

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		<pre> "data": { "exch_pg_page_link": "http://localhost:8082/s4/pg_view_object/11757dcc-43f3-4 537-a1f6-a3eefc2b0cb5", "payment_information": { "payment_mode": "", "get_bank_account_details_row": null, "mode_additional_info": "" } } </pre> <p>If the requested_method is "payment_info_data", the following response will come:</p> <pre> "data": ["payment_information": [{ "payment_mode": "upi", "get_bank_account_details_row": [{ "account_number": "980000000000", "ifsc_code": "ABHY0065002", "bank_code": null, "bse_bank_code": "ABHY" }, { "account_number": "787000000000", "ifsc_code": "ABHY0065002", "bank_code": null, "bse_bank_code": "ABHY" }], "mandate_ids": null, "mode_additional_info": "upi" }, { "payment_mode": "netbanking", "get_bank_account_details_row": [</pre>

					<pre>{ "account_number": "980000000000", "ifsc_code": "ABHY0065002", "bank_code": null, "bse_bank_code": "ABHY" }, { "account_number": "787000000000", "ifsc_code": "ABHY0065002", "bank_code": null, "bse_bank_code": "ABHY" },], "mandate_ids": null, "mode_additional_info": "Net banking" }, { "payment_mode": "mandate", "get_bank_account_details_row": null, "mandate_ids": null, "mode_additional_info": "Mandates" }], "exch_pg_page_link": "http://localhost:8082/send_payment_info" }</pre>
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		Array of messages: <pre>"messages": [{ "msgid": 3507, "errcode": "record_not_found", "field": "order", "vals": ["50000000025"] }]</pre>

6.2.21 Request Send Payment Info BSE PG

6.2.21.1 Request Send Payment Info BSE PG

Request

POST /send_payment_info

```
{
  "data": {
    "payment_mode": "upi",
    "order_ids": [
      5000000969
    ],
    "ucc": "CLNT10102",
    "member": "0103",
    "amount": 7000,
    "currency": "INR",
    "payment_details": {
      "bank_account": {
        "vpa": "success@razorpay",
        "bank_id": "ABC123",
        "account_number": "98000000000000",
        "ifsc": "HDFC0000001",
        "is_retail": true,
        "is_corporate": false
      }
    }
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
payment_mode	Y	N	String		Possible values are- upi or netbanking or mandate
order_ids	Y	Y	Integer		Array of order_ids
ucc	Y	N	String		Client code of the UCC
member	Y	N	String		Member code of the UCC
amount	Y	N	Float		The amount of the orders selected
currency	Y	N	String		Always INR
payment_details	Y	N	Object		The payment details of UCC. { "bank_account": { "vpa": "success@razorpay", "bank_id": "ABC123", "account_number": "98000000000000", "ifsc": "HDFC0000001", "is_retail": true, "is_corporate": false } }
is_retail	Y	N	Boolean		It is a boolean value either true/false
is_corporate	Y	N	Boolean		It is a boolean value either true/false

Response

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	object		<p>If the payment is successful for UPI:</p> <pre>{ "data": { "payment_ref_id": "RZ20250421110850853132DC62A50D", "status": "SUCCESS", "message": "Payment successful", "transaction_id": "pay_QLaxCKcQwaGZwm" } }</pre> <p>If the payment is not successful for UPI:</p> <pre>{ "data": { "payment_ref_id": "RZ2025042111095958700513EC98A2", "status": "FAILED", "message": "Payment failed: Payment failed: Payment was unsuccessful due to a temporary issue. If amount got deducted, it will be refunded within 5-7 working days.", "transaction_id": "pay_QLay09c4U32OmW" } }</pre> <p>If payment Mode is Net Banking then response as below</p> <pre>{ "status": "success", "data": { "html": "<!DOCTYPE html>\n<html\nlang=\"en\"\>\n<head>\n <meta charset=\"UTF-8\"\>\n<meta name=\"viewport\"\ncontent=\"width=device-width,..... \"\n >,\n \"messages\": null }</pre>
messages	Y	Y	object		[]

Sample Failure response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"error"
data	Y	Y	object		{}
messages	Y	Y	object		<p>Array of messages:</p> <pre> "messages": [{ ... }] }</pre>

					<pre> "msgid": 579, "errcode": "invalid", "field": "payment_mode", "vals": ["Payment mode must be one of: netbanking, upi, mandate, got:UPA"] }]</pre>
--	--	--	--	--	---

6.2.22 Webhook BSE Payment Gateway

6.2.22.1 Webhook BSE Payment Gateway

6.3 Webhook Listing

6.3.1 Webhook

Request

POST /v2/wh_starmfv2

```
{
  "data": {
    "member": { ... },
    "investor": { ... }
  }
}
```

Attribute	M	List	Type	Limit	Description and example(s)
entity_type	Y	N	Enum		“member” “pa” “bank” “collection_agency”
member	C	N	Object		Refer Member
investor	Y	N	Object		Refer Investor
request_id	Y	N	String		Request ID from StARMF system
action	Y	Y	Object		{ "msgcode": "", "at": "", //received by StARMF platform "event_type": wh_event_type , "event": wh_event , "event_message": "" }

				<pre> "order_id": "", "mandate_id": "", "sexp_reg_num": "", "pg_order_ids": "", "payment_ref_id": "" "data": { //nft_response_obj } } </pre>
--	--	--	--	--

msgcode: These will start from 10000

Example:

```

{
  "entity_type": "member",
  "member": {
    "member_id": "...",
    "subbr_code": "...",
    "subbr_arn": "...",
    "euin": "...",
    "euin_flag": "...",
    "partner_id": ""
  },
  "parent_client_code": "...",
  "investor": {
    "ucc": "...",
    "pan_holders": "...",
    "holding_nature": "...",
    "client_code": ...
  },
  "request_id": "2024102900000001",
  "action": {
    "msgcode": "10010",
    "at": "2024-10-29T12:52:24+05:30",
    "event_type": "...",
    "event": "...",
    "event_message": "...",
    "order_id": "...",
    "mem_ord_ref_id": "...",
    "mandate_id": "...",
    "sexp_reg_num": "...",
    "pg_order_ids": [7001, 7002],
    "payment_ref_id": ...
  }
}

```

Response

```
{
}
```

<pre> "data": { "member": { ... }, "investor": { ... }, } } </pre>					
Attribute	M	List	Type	Limit	Description and example(s)
request_id	Y	N	String		Request ID from StAR MF system
ack	Y	Y	Object		<pre> { "status": "success", "data": { "id": "1" }, "messages": [] } </pre> Refer to webhook_ack

7 Annexure

7.1 Environments

Sandbox
URL
Production
URL

7.2 Masters and Enumerated values

This is a representative list only. Please refer to the platform website for the latest updates for all masters.

7.2.1 Country List

[Country](#)

7.2.2 Tax Code

[tax_status](#)

7.2.3 Holding Nature

[holding_nature](#)

7.2.4 Bank Account Types

[bank acc type](#)

7.2.5 Transaction Code

Possible values are

NEW: For new orders

MOD: To modify orders placed earlier (subject to business process constraints)

CXL: To cancel orders placed earlier (subject to business process constraints)

7.2.6 Payment Receipt Modes

(These modes are applicable where investor had made a payment to CC)

DIRECTDEBIT

NEFT

RTGS

NACH

UPI

7.3 Objects

7.3.1 Member

{ "memberid": "...", "brokercode": "..." "subbrcode": "...", "subbrarn": "...", "euin": "...", "euinflag": "...", "partnerid": "..." }					
Attribute	M	List	Type	Len	Description and example(s)
member_id	Y	N	String	20	Member Code, assigned by the platform at the time of onboarding
subbr_code	N	N	String	15	Sub Broker Code
subbr_arn	N	N	String	20	Sub Broker ARN Code
euin	C	N	String	20	EUIN Number, only for specific APIs
euin_flag	C	N	String	1	EUIN declaration (Y N), only for specific APIs
partner_id	C	N	String		Partner Code, assigned by the Platform to each ISV, required when a member uses services provided by ISV

7.3.2 Investor

```
{
    "ucc": "...",
}
```

OR

```
{
    "panholders": [ PAN number of Holder 1, PAN number of Holder 2, ... ],
    "holdingnature": "..."
}
```

Attribute	M	List	Type	Len	Description and example(s)
ucc	C	N	String		UCC Code If pan_holders is not passed, then this is mandatory.
pan_holders	C	Y	String	1-5	PAN number of Holder 1, PAN number of Holder 2, ... If ucc is not passed, then this is mandatory.
holding_nature	C	N	Enum		If more than one PAN holders are provided holding_nature This is Mandatory when pan_holders field is passed.

7.3.3 Investor_ucc

```
{
    "client_code": "..."
}
```

Attribute	M	List	Type	Len	Description and example(s)
client_code	Y	N	String		client_code is mandatory.

7.3.4 Holder

```
{
}
```

Attribute	M	List	Type	Len	Description and example(s)
holder_rank	Y	N	Enum		Rank of holder holder_rank
occ_code	Y	N	Enum		Occupation Code occ_code
auth_mode	Y	N	Enum		Holder Authentication Mode. auth_mode
is_pan_exempt	Y	N	Boolean		Is holder Exempted from PAN details
pan_exempt_category	N	N	Enum		If the holder is PAN exempted, then Category of PAN exemption. pan_exempt_category
identifier	Y	Y	Object		Identifier Object identifier Allowed Identifiers: - pan

					<ul style="list-style-type: none"> - pan_exempt_ref_no - nomination_form - wet_signature - aadhaar_esign - supporting_document (PAN and aadhaar esign related supporting docs if any) <p>Refer to identifier</p>
kyc_type	Y	N	Enum		Type of KYC like ckyc/biometric/kra/aadhaar etc kyc_type
ckyc_number	N	N	String		Ckyc number if kyc_type is `ckyc` Only numeric value is allowed here
person	Y	Y	Object	3	Person Object. person
contact	Y	Y	Object		Contact Object. contact
nomination	N	Y	Object	5	Nomination Object (provided only under first holder). nomination

7.3.5 bank_account

{					
Attribute	M	List	Type	Len	Description and example(s)
ifsc_code	Y	N	String		IFSC code of the Bank
bank_acc_num	Y	N	String		Bank Account Number (including leading zeros). Minimum Length=9 Maximum Length=20
bank_acc_type	Y	N	Enum		Type of Bank Account like Savings/Current etc. bank_acc_type
bank_acc_owner	C	N	Enum		Mandatory only if UCC is a Minor or Custodian during creation of UCC / addition of bank account for UCC. bank_acc_owner Not required for Order
identifier	C	Y	Object		List of valid identifier objects. Identifier Allowed Identifiers: <ul style="list-style-type: none"> - cancel_cheque - bank_statement - bank_log Refer to identifier
bank_name	N	N	String		This field is not to be passed in add_ucc, order_new, order_update and any other (create or modify API) request. It will only be part of the response in get_ucc, list_ucc, get_order etc.

7.3.6 depository

{					
Attribute	M	List	Type	Len	Description and example(s)

depository_code	Y	N	Enum		Depository code for CDSL/NSDL. depository_code
dp_id	Y	N	String		dp id provided by depository Minimum Length=8 Maximum Length=8
client_id	Y	N	String		Client id provided by depository Minimum Length=8 Maximum Length=8
cmbp_id	C	N	String		Clearing Member Business Partner ID provided by NSDL Minimum Length=8 Maximum Length=8. This is mandatory for CDSL, but not for NSDL.
bank_account	Y	N	String		Bank Account Number linked to this Depository Account.
account_owner	Y	N	Enum		Owner of the Depository account like Self or Guardian. account_owner
identifier	N	Y	Object		Identifier Object. Identifier Allowed Identifiers: - cml_copy Refer to identifier
is_default	Y	N	Boolean		Is this account a default account?

7.3.7 comm_addr

{	}				
Attribute M List Type Len Description and example(s)					
address_line_1	Y	N	String		Address Line 1 Minimum Length=10 Maximum Length=120
address_line_2	N	N	String		Address Line 3 Minimum Length=10 Maximum Length=120
address_line_3	N	N	String		Address Line 3 Minimum Length=10 Maximum Length=120
postalcode	Y	N	String		Postalcode / Pincode
city	Y	N	String		City
state	Y	N	String		State
country	Y	N	String		Country

7.3.8 addr

{	}				
Attribute M List Type Len Description and example(s)					
address_line_1	Y	N	String		Address Line 1 Minimum Length=10 Maximum Length=120

address_line_2	N	N	String		Address Line 3 Minimum Length=10 Maximum Length=120
address_line_3	N	N	String		Address Line 3 Minimum Length=10 Maximum Length=120
city	Y	N	String		City
state	Y	N	String		State
country	Y	N	String		Country Code, it is 3 digit code eg. IND
postalcode	Y	N	String		Postalcode / pincode

7.3.9 contact

{					}
Attribute M List Type Len Description and example(s)					
contact_number	C	N	String		Contact Number of the holder(e.g. 9988776655)
extension	C	N	String		Extension of the holder in case of landline (e.g. 22051). If the contact_type is RE or OF, this attribute is required.
country_code	C	N	String		Country code or calling code of the holder (e.g. +91)
whose_contact_number	C	N	Enum		Whose contact number is this. For e.g. Self/Parent/Spouse etc. whose_contact_number
email_address	Y	N	String		Email address of the holder. Minimum Length=10 Maximum Length=200
whose_email_address	C	N	Enum		Whose email id is this. For e.g. Self/Parent/Spouse etc. whose_email_address
contact_type	Y	N	Enum		Contact is Office/Residence. contact_type
fax_no	C	N	String		If the contact_type is RE or OF, this attribute is required.

7.3.10 nomination

{					}
Attribute M List Type Len Description and example(s)					
person	Y	N	Object		person
nomination_percent	C	N	String		Nomination percentage
nomination_relation	Y	N	Enum		Nominee relationship for e.g. Son/Father/Mother etc. nomination_relation
is_pan_exempt	Y	N	Boolean		Is the nominee PAN Exempted

pan_exempt_category	N	N	Enum		If the nominee is PAN exempted, then what is the pan exempt category. pan_exempt_category
identifier	Y	Y	Object	1	Identifier block for PAN/PKERN. Identifier Allowed Identifiers: - pan - pan_exempt_ref_no Refer to identifier
is_minor	N	N	Boolean		Is the Nominee minor?
guardian	C	Y	Object	1	Guardian Object in case the Nominee is a minor. Nominee: guardian

7.3.11 Nominee: guardian

{					
<hr/>					
Attribute	M	List	Type	Len	Description and example(s)
first_name	Y	N	String		Guardian: first name
middle_name	N	N	String		Guardian: middle name
last_name	N	N	String		Guardian: last name
dob	Y	N	String		Guardian: date of birth
is_pan_exempt	Y	N	Boolean		Guardian: is pan exempted
pan_exempt_category	N	N	Enum		Guardian: pan exempt category in case guardian is PAN exempted. pan_exempt_category
identifier	Y	Y	Object		Guardian: Identifier block for PAN/PKERN. Identifier Identifier block for PAN/PKERN. Identifier Allowed Identifiers: - pan - pan_exempt_ref_no Refer to identifier

7.3.12 PAN holder

{					
<hr/>					
Attribute	M	List	Type	Limit	Description and example(s)
holder_rank	Y	N	Integer	1-3	Rank indicates PAN Holder 1, PAN Holder 2 and so on, wherever a UCC has more than one PAN holder.

kyc_status	O	N			Mandatory where record have to be added, optional when record have to be updated
mobile_no	O	N	String		Mandatory where a record has to be added, optional when a record has to be updated.
email_id	O	N	String		Mandatory where record have to be added, optional when record have to be updated
bank_accounts	O	Y	Object	5	Bank Account object. bank_account
nominees	O	Y	Object	3	Nominee Details. nomination

7.3.13 person

{					
{					
Attribute	M	List	Type	Limit	Description and example(s)
first_name	Y	N	String		First name of the holder
middle_name	N	N	String		Middle name of the holder
last_name	N	N	String		Last name of the holder. Note: Minimum Length $(first_name+space+middle_name+space+last_name)=2$ Maximum Length $(first_name+space+middle_name+space+last_name)=70$
dob	C	N	String		Date of Birth(in case of individual holder). Date of Register/Incorporation(in case of non-individual holder). Not mandatory in case of Nomination.
gender	C	N	Enum		Gender of person(in case of Individual). gender

7.3.14 ubo_person

{					
{					
Attribute	M	List	Type	Limit	Description and example(s)
first_name	Y	N	String		First name of the holder
middle_name	N	N	String		Middle name of the holder
last_name	N	N	String		Last name of the holder. Note: Minimum Length $(first_name+space+middle_name+space+last_name)=2$ Maximum Length $(first_name+space+middle_name+space+last_name)=70$
dob	C	N	String		Date of Birth(in case of individual holder). Date of Register/Incorporation(in case of non-individual holder). Not mandatory in case of Nomination.
gender	N	N	Enum		Gender of person(in case of Individual). gender
tax_residency		Y	Object		Country of tax Residency. tax_residency

7.3.15 identifier

{				
{				

Attribute	M	List	Type	Limit	Description and example(s)
identifier_type	Y	N	Enum		Type of Identifier for e.g. pan/pkern/lei/passport/ etc. identifier_type
identifier_number	Y	N	String		Identifier number of Identifier type. For e.g. PAN number for identifier type "pan"
issue_date	N	N	String		Issue date of the identifier
expiry_date	N	N	String		Expiry date of the identifier
file_name	N	N	String		Name of file if being sent with the request
file_size	N	N	Integer		Size of file
file_blob	N	N	String		Base64 encoded file string

7.3.16 fatca

{					
Attribute	M	List	Type	Limit	Description and example(s)
holder_rank	Y	N	Integer	1-3	Rank indicates PAN Holder 1, PAN Holder 2 and so on, wherever a UCC has more than one PAN holder.
place_of_birth	Y	N	String		Place of Birth e.g. New York Minimum Length=2 Maximum Length=60
country_of_birth	Y	N	String		Country of Birth e.g. USA
client_name	Y	N	String		Name of person declaring FATCA. Should match with that of holder
investor_type	Y	N	String		Type of Investor. investor_type
dob	Y	N	String		Date of birth
father_name	C	N	String		Name of Father of holder Minimum Length=2 Maximum Length=70
spouse_name	C	N	String		Name of Spouse of holder Minimum Length=2 Maximum Length=70
address_type	Y	N	ENUM		Type of Address. address_type
occ_code	Y	N	ENUM		Occupation Code. occ_code
occ_type	Y	N	ENUM		Occupation Type. occ_type
tax_status	Y	N	ENUM		Tax Status. tax_status
exemption_code	C	N	ENUM		Exemption Code. Mandatory in case of non-individual exemption_code
identifier	Y		Object		PAN is required. This PAN should match PAN of the holder. Identifier Allowed Identifiers:

					<ul style="list-style-type: none"> - pan - pan_exempt_ref_no <p>Refer to identifier</p>
corporate_service_sector	Y	N	ENUM		Corporate Service Sector. corporate_service_sector
wealth_source	Y	N	ENUM		Wealth Source. wealth_source
income_slab	Y	N	ENUM		Income Slab. income_slab
net_worth	Y	N	Integer		Net Worth Minimum Length=3 Maximum Length=20
date_of_net_worth	Y	N	String		Date on which Net Worth was calculated
politically_exposed	Y	N	ENUM		Is the person Politically Exposed? politically_exposed
is_self_declared	C	N	boolean		Is the Declaration Self Declared?
data_source	Y	N	ENUM		Data Source. data_source
log_name	C	N	String		It is mandatory, in case of data_soruce is Electronic. It is free text e.g. 196.15.16.107#23-Nov-15;16:4
tax_residency	Y	Y	Object	5	Country of Tax Residencies tax_residency
ffi_drnfe	C	N	ENUM		 ffi_drnfe , It is mandatory in case tax status is non-individual.
is_giin_avail	C	N	ENUM		is_giin_avail , It is mandatory in case giin_no is not provided.
giin_no	C	N	String		GIIN no Minimum Length=19 Maximum Length=19 It is mandatory in case of is_giin_avail is not selected
spr_name	C	N	String		Sponsor Name Minimum Length=2 Maximum Length=70 It is mandatory in case of giin_no is provided.
nfe_category	C	N	ENUM		Nfe_category , It is mandatory in case tax status is non-individual.
nfe_sub_category	C	N	ENUM		Nfe_sub_category , It is mandatory in case of nef_category is Active
nature_of_business	C	N	String		Nature of Business Minimum Length=2 Maximum Length=70 It is Mandatory in case of nfe_category is selected as Active NFFE / Passive NFFE
nature_of_relation	C	N	ENUM		Nature_of_relation It is mandatory in case of nfe_category is selected as related to listed entity(RL)
ubo	C	Y	Object		ubo , It is mandatory in case tax status is non-individual.
npo	C	Y	Object		npo , It is mandatory in case tax status is non-individual.

7.3.17 ubo

{					
Attribute M List Type Limit Description and example(s)					
is_ubo_applicable	Y	N	Boolean		Is UBO Applicable?
ubo_count	Y	N	Integer		No of UBO present
ubo_detail	Y	Y	Object		UBO details object. ubo_detail

7.3.18 ubo_detail

{					
Attribute M List Type Limit Description and example(s)					
person			Object		Person details. ubo_person
place_of_birth			String		Place of Birth
country_of_birth			String		Country of Birth e.g. IND
occ_code			Enum		Occupation Code. occ_code
occ_type			Enum		Occupation Type. occ_type
beneficiary_percent			Number		Beneficiary Percent of UBO
ubo_type_code			Enum		Type of UBO. ubo_type_code
addr			object		Address. addr
ubo_addr_type			Enum		Type of address. ubo_addr_type
contact			Object		Contact. contact
identifier	Y	Y	Object	1	Identifier block for PAN. identifier Allowed Identifiers: - pan - pan_exempt_ref_no Refer to identifier
ubo_declaration_flag			Boolean		UBO declaration flag
exchange_name			String		Name of Exchange
isin			String		ISIN code
name_of_realted_listed_company			String		Name of related listed company

ubo_category			Enum		UBO Category. ubo_category
ubo_email_id			String		UBO Email ID
smo_designation			String		SMO Designation Minimum Length=5 Maximum Length=20

7.3.19 npo

{					
{}					
Attribute	M	List	Type	Limit	Description and example(s)
npo_form	Y	N	Boolean		Is NPO Form
npo_dcl	Y	N	Boolean		Is NPO declaration
npo_rg_no	Y	Y	String		NPO registration number

7.3.20 aof

{					
{}					
Attribute	M	List	Type	Limit	Description and example(s)
is_aof_submitted	Y	N	Boolean		Is AOF submitted

7.3.21 aof_ria

{					
{}					
Attribute	M	List	Type	Limit	Description and example(s)
is_aof_ria_submitted	Y	N	Boolean		Is AOF submitted

7.3.22 tax_residency

{					
{}					
Attribute	M	List	Type	Limit	Description and example(s)
country	Y	N	String		Country code of residency e.g. IND. Refer to Country
tax_id_no	Y		String		Tax ID No Minimum Length=10 Maximum Length=50
tax_id_type	Y		String		Tax ID Type. fatca_identifier_type

7.3.23 ucc_list_filter_param

{					
Attribute M List Type Limit Description and example(s)					
holding_nature	N	N	Enum		Holding nature. holding_nature
tax_status	N	N	Enum		Tax status. tax_status
is_client_physic al	N	N	Boolean		Is the UCC Client Physical
is_client_demat	N	N	Boolean		Is the UCC Client Demat
parent_client_c ode	N	N	String		Parent client Code

7.3.24 ucc_status_obj

{					
Attribute M List Type Limit Description and example(s)					
holders	N	Y	Object	3	ucc_status_holder
bank_account	N	Y	Object	5	ucc_status_bank_account
depository	N	Y	Object	5	ucc_status_depository
transaction_rea dy	N	N	Object	2	ucc_status_transaction_ready

7.3.25 status_count_summary_obj

{					
Attribute M List Type Limit Description and example(s)					
status	N	Y	Enum	3	ucc_count_status
status_count	N	Y	Number	5	Count of objects

7.3.26 ucc_status_holder

{					
Attribute M List Type Limit Description and example(s)					

holder_rank	N	N	Object		holder_rank
holder_pan	N	Y	String		PAN of Holder
pan_verification	N	Y	Object		ucc_status_pan
fatca_status	N	N	Object		ucc_status_fatca
elog	N	N	Object		ucc_status_elog
elog_ria	N	N	Object		ucc_status_elog_ria
nominee_2fa	N	N	Object		ucc_status_nominee_2fa
kyc_status	N	N	Object		ucc_status_kyc
aof	N	N	Object		ucc_status_aof
aof_ria	N	N	Object		ucc_status_aof_ria

7.3.27 ucc_status_bank_account

{					
<hr/>					
Attribute	M	List	Type	Limit	Description and example(s)
bank_acc_num	Y	N	String		Bank Acc Number
ifsc_code	Y	N	String		IFSC code
verified_status	Y	N	Enum		"TRUE"/"FALSE"
verification_failed_reason	N	N	String		Reason for which verification failed
verified_at	N	N	String		Timestamp of when the object was verified

7.3.28 ucc_status_depository

{					
<hr/>					
Attribute	M	List	Type	Limit	Description and example(s)
depository_code	Y	N	Object		depository_code
dp_id	Y	N	Object		DP ID of the depository account
client_id	Y	N	Object		Client ID of the depository account
verified_status	Y	N	Enum		"TRUE"/"FALSE"
verification_failed_reason	N	N	String		Reason for which verification failed
verified_at	N	N	String		Timestamp of when the object was verified

7.3.29 ucc_status_aof / ucc_status_aof_ria / ucc_status_elog / ucc_status_elog_ria / ucc_status_fatca

{					
Attribute M List Type Limit Description and example(s)					
rta_code	Y	N	Enum		“CAMS” / “KFIN”
verified_status	Y	N	Enum		“TRUE”/“FALSE”
verification_failed_reason	N	N	String		Reason for which verification failed
verified_at	N	N	String		Timestamp of when the object was verified

7.3.30 ucc_status_pan / ucc_status_nominee_2fa

{					
Attribute M List Type Limit Description and example(s)					
verified_status	Y	N	Enum		“TRUE”/“FALSE”
verification_failed_reason	N	N	String		Reason for which verification failed
verified_at	N	N	String		Timestamp of when the object was verified

7.3.31 ucc_status_kyc

{					
Attribute M List Type Limit Description and example(s)					
kyc_type	Y	N	Enum		“CKYC”
verified_status	Y	N	Enum		“TRUE”/“FALSE”
verification_failed_reason	N	N	String		Reason for which verification failed
verified_at	N	N	String		Timestamp of when the object was verified

7.3.32 ucc_status_transaction_ready

{					
Attribute M List Type Limit Description and example(s)					
mode	Y	N	Enum		“DEMAT” / “PHYSICAL”

verified_status	Y	N	Enum		"TRUE"/"FALSE"
verification_failed_reason	N	N	String		Reason for which verification failed
verified_at	N	N	String		Timestamp of when the object was verified

7.3.33 info_order

{					
Attribute	M	List	Type	Limit	Description and example(s)

7.3.34 mem_details

{					
Attribute	M	List	Type	Limit	Description and example(s)
euin_flag	Y	N	Boolean		EUIN declaration (Y N), only for specific APIs
euin	C	N	String		If EUIN Number is Provided. It is applicable only for specific APIs.
broker_code	C	N	String		If Broker Code is Provided.
sub_br_code	C	N	String		If Sub Broker Code is provided.
sub_br_arn	C	N	String		If Sub Broker ARN Code is Provided.
partner_id	C	N	String		Partner Code, assigned by the Platform to each ISV, required when a member uses services provided by ISV

7.3.35 depository_acct (order/sxp/mandate)

{					
Attribute	M	List	Type	Limit	Description and example(s)
depository	Y	N	Enum		Depository depository_code (order/sxp/mandate)
dp_id	Y	N	String		DP ID of Depository Account
client_id	Y	N	String		Client ID of Depository Account

7.3.36 bank_acct (order/sxp/mandate)

{					
Attribute M List Type Limit Description and example(s)					
ifsc	Y	N	String		IFSC Code of bank Account
no	Y	N	String		Bank Account Number
type	C	N	Enum		Bank Account Type bank_acc_type Mandatory for orders/sxp/mandates.
name	N	N	String		bank name
vpa	N	Y	String		UPI Address

7.3.37 mem_mandate_info(mandate)

{					
Attribute M List Type Limit Description and example(s)					
member_mandate_id	N	N	String		Member Mandate ID
mandate_status_date	N	N	String		Date at which the Mandate Status is updated
umrn_number	N	N	String		URN Number
utility_code	N	N	String		Utility code
sponsor_code	N	N	String		Sponsor code

7.3.38 order_list_filter_param

{					
Attribute M List Type Limit Description and example(s)					
open_close	Y	N	Enum		order_status
status	N	N	Enum		order_list_status
type	N	N	Enum		order_type - []String

ucc	N	N	String		UCC code of client. When specified, then member_code filter value will be mandatory
member_code	C	N	String		Member Code This is mandatory if ucc is passed
threshold_order	N	N	Boolean		Whether it is Threshold Order
amc_code	N	N	String		AMC Code
sxp_reg_no	N	N	String		SXP Registration No
placed_at_after	N	N	String		Shows records based upon the timestamp range between the specified values. In case placed_at_before is omitted then the system will take the current timestamp as the value. UTC Timestamp
placed_at_before	N	N	String		Shows records based upon the timestamp range between the specified values. In case placed_at_after is omitted then the system will select all data since the beginning of operation. UTC Timestamp
"order_src_type ":"[lumpsum"]",	N	N	[] String		Values can be systematic or lumpsum.

7.3.39 order_holder

{					
{}					
Attribute	M	List	Type	Limit	Description and example(s)
holder_rank	Y	N	Enum		holder_rank
email	N	N	String		Email ID
mobnum	N	N	String		Mobile Number

7.3.40 order_src_info

{					
{}					
Attribute	M	List	Type	Limit	Description and example(s)
src_isin	N	N	String		Source ISIN
src_sch_rta_code	N	N	String		Source Scheme RTA Code
src_sch_opt	N	N	String		Source Scheme Option
sip_rgdt	N	N	String		SxP register date
sip_fq	N	N	String		SxP Frequency
sip_st_dt	N	N	String		SxP Start Date

sip_end_dt	N	N	String		SxP End Date
------------	---	---	--------	--	--------------

7.3.41 allotment_details

{					
Attribute	M	List	Type	Limit	Description and example(s)
allotment_date	N	N	String		Allotment Date
allotment_partia_l_full	N	N	String		Is allotment Partial or Full
allotment_units	N	N	String		Allotment Units
short_units	N	N	String		Short Units
allotment_amou_nt	N	N	String		Allotment Amount
allotment_nav	N	N	String		Allotment NAV
nav_date	N	N	String		NAV Date
folio	N	N	String		Folio
stt	N	N	String		STT
stamp_duty	N	N	String		Stamp Duty

7.3.42 redempt_details

{					
Attribute	M	List	Type	Limit	Description and example(s)
redempt_date	N	N	String		Redemption Date
redempt_units	N	N	String		Redemption Units
redempt_amoun_t	N	N	String		Redemption Amount
redempt_nav	N	N	String		Redemption NAV
nav_date	N	N	String		NAV Date
folio	N	N	String		Folio
tds	N	N	String		TDS
exit_load	N	N	String		Exit Load
payout_date	N	N	String		Payout Date
payout_utr	N	N	String		Payout UTR

bank_acct	N	N	String		Bank Account
paymt_mode	N	N	String		Payment Mode
dispatch_ref_no	N	N	String		Dispatch Reference Number

7.3.43 refund_details

{					
Attribute	M	List	Type	Limit	Description and example(s)
refund_receipt_date	N	N	String		Refund Receipt Date
refund_amount	N	N	String		Refund Amount
interest_amount	N	N	String		Interest Amount if applicable
total_amount	N	N	String		Total Amount
refund_due_date	N	N	String		Refund Due Date
refund_hist	N	N	String		refund_hist

7.3.44 refund_hist

{					
Attribute	M	List	Type	Limit	Description and example(s)
refund_release_date	N	N	String		Refund release date
refund_status	N	N	String		Refund status
refund_utr	N	N	String		Refund UTR
reversal_date	N	N	String		Reversal Date
reversal_utr	N	N	String		Reversal UTR

7.3.45 history_obj

{					
Attribute	M	List	Type	Limit	Description and example(s)
event_status	N	N	String		Event Status
msg	N	N	String		Message

when	N	N	String		When
user	N	N	String		Username

7.3.46 rejection_reason

{	}				
Attribute	M	List	Type	Limit	Description and example(s)
by	N	N	String		Rejection By
reason	N	N	String		Rejection Reason

7.3.47 info_sxp

{	}				
Attribute	M	List	Type	Limit	Description and example(s)
mem_details	N	N	Object		Member Details mem_details

7.3.48 xp_list_filter_param

{	}				
Attribute	M	List	Type	Limit	Description and example(s)
sxp_type	Y	N	Enum		sxp_type
status	N	N	Enum		sxp_status
freq	N	N	Enum		sxp_freq
src_scheme	N	N	String		Source Scheme
is_topup	N	N	Boolean		If false then show non-top up records and if true then shows top up records
reg_at_after	N	N	String		Shows records based upon the timestamp range between the specified values. In case reg_at_before is omitted then the system will take the current timestamp as the value. In case reg_at_after is omitted then system will select all data since the beginning of operation
reg_at_before	N	N	String		
next_due_date_at_after	N	N	String		Shows records based upon the timestamp range between the specified values.

					In case next_due_date_at_after is omitted then the system will take the current timestamp as the value.
next_due_date_at_before	N	N	String		
is_topup	N	N	Boolean		Filter based on topup requests
ucc	N	N	String		ucc
member	N	N	String		Member
phys_or_demat	N	N	String		order_phys_or_demat

7.3.49 `sxp_special_product`

{					
}					
Attribute	M	List	Type	Limit	Description and example(s)
special_prod_ty pe	Y	N	Enum		Special Product Type special_products_type
special_prod_n ame	Y	N	String		E.g. "icici_freedom_sip" or "icici_insured" or "hdfc_dream_sip" or "sbi_mitra_sip"
target_scheme	C	N	String		Target scheme code(mandatory for certain types of special products)
target_amt	C	N	Number		Target Amount (mandatory if target scheme is passed)
goal_type	N	N	Enum		Goal Type special_products_goal_type
goal_amt	N	N	Number		Goal Amount

7.3.50 `mandate_list_filter_param`

{					
}					
Attribute	M	List	Type	Limit	Description and example(s)
is_active	N	N	Boolean		Is mandate Active
is_verified	N	N	Boolean		Is mandate Verified
type	N	N	Enum		mandate_type
created_at_after	N	N	String		UTC timestamp
created_at_befo re	N	N	String		UTC timestamp
reg_at_after	N	N	String		Shows records based upon the timestamp range between the specified values. In case reg_at_before is omitted then the system will take the current timestamp as the value.

					UTC timestamp
reg_at_before	N	N	String		Shows records based upon the timestamp range between the specified values. In case reg_at_after is omitted then the system will select all data since the beginning of operation. UTC timestamp

7.3.51 investor_mis

```
{
    "ucc": "...",
}
```

OR

```
{
    "panholders": [ PAN number of Holder 1, PAN number of Holder 2, ... ],
    "holdingnature": ...
}
```

Note: One of the above objects is mandatory

Attribute	M	List	Type	Len	Description and example(s)
ucc	C	N	String		Client code of UCC
panholders	C	N	String		PAN Holder combination
holding_nature	C	N	Enum		If more than one PAN holders are provided holding_nature Mandatory if panholders field is passed.

7.3.52 mis_info

```
{
}
```

Attribute	M	List	Type	Limit	Description and example(s)
src	N	N	String		Source. For example 'SIP'
reg_no	N	N	String		SIP Registration No
umrn	C	N	String		UMRN. Mandatory for MIS_TYPE='XSIP'
mem_details	N	N	Object		Member details. mis_mem_details

7.3.53 mis_mem_details

```
{
}
```

Attribute	M	List	Type	Limit	Description and example(s)
subbr_code	N	N	String	15	Sub Broker Code
subbr_arn	N	N	String	20	Sub Broker ARN Code
partner_id	C	N	String		Partner Code, assigned by the Platform to each ISV, required when a member uses services provided by ISV

7.3.54 nft_auth

{					
}					
Attribute	M	List	Type	Limit	Description and example(s)
user_id	Y	N	String		NFT user id
member_code	Y	N	String		NFT member code
password	Y	N	String		NFT password
amc	Y	N	String		AMC Code
rta	Y	N	Enum		RTA
member_id	Y	N	String		Member ID
client_code	Y	N	String		Client Code
entity_type	Y	N	String		Constant value "UCC"

7.3.55 nominee_change_info

The total percentage of all 3 Nominee should add up to 100%

{					
}					
Attribute	M	List	Type	Limit	Description and example(s)
amc_code	Y	N	String		unique AMC code to be length 3
user_code	Y	N	String		agent_code max of length 15, ARN/RIA Code
folio_no	Y	N	String		Folio no
nct_type	Y	N	Enum		Type of operation
tax_number	Y	N	String		PAN
twofa_auth	Y	N	Enum		Two Factor Auth
email	N	N	String		primary holder email its based on twofa_auth

mobile_no	N	N	String		primary holder mobile its based on twofa_auth
j1_email	N	N	String		Holder 1 Email ID
j1_mobile	N	N	String		Holder 1 mobile no
j2_email	N	N	String		Holder 2 Email ID
j2_mobile	N	N	String		Holder 2 mobile no
broke_cd	Y	N	String		agent RIA/ARN Code
ria_code	Y	N	String		agent RIA/ARN Code
nom_opt	Y	N	String		Y N option which is nom opt out example
nom1_name	Y	N	String		Nominee 1 name
nom1_rela	Y	N	String		Nominee 1 relation
nom1_per	Y	N	String		Nominee 1 percent
nom1_pan	Y	N	String		Nominee 1 PAN
nom1_min_f	Y	N	String		Nominee 1 is minor?
nom1_dob	N	N	String		Nominee 1 date of birth
nom1_guard	N	N	String		Nominee 1 guardian
nom1_grela	N	N	String		Nominee 1 guardian relation
nom1_gpan	N	N	String		Nominee 1 guardian PAN
nom2_name	N	N	String		Nominee 2 name
nom2_rela	N	N	String		Nominee 2 relation
nom2_per	N	N	String		Nominee 2 percent
nom2_pan	N	N	String		Nominee 2 PAN
nom2_min_f	N	N	String		Nominee 2 is minor?
nom2_dob	N	N	String		Nominee 2 date of birth
nom2_guard	N	N	String		Nominee 2 guardian
nom2_grela	N	N	String		Nominee 2 guardian relation
nom2_gpan	N	N	String		Nominee 2 guardian PAN
nom3_name	N	N	String		Nominee 3 name
nom3_rela	N	N	String		Nominee 3 relation
nom3_per	N	N	String		Nominee 3 percent
nom3_pan	N	N	String		Nominee 3 PAN
nom3_min_f	N	N	String		Nominee 3 is minor?

nom3_dob	N	N	String		Nominee 3 date of birth
nom3_guard	N	N	String		Nominee 3 guardian
nom3_grela	N	N	String		Nominee 3 guardian relation
nom3_gpan	N	N	String		Nominee 3 guardian PAN

7.3.56 contact_info

{					
<hr/>					
Attribute	M	List	Type	Limit	Description and example(s)
amc_code	Y	N	String		unique AMC code to be length 3
user_code	Y	N	String		agent_code max of length 15, ARN/RIA Code
folio_no	Y	N	String		Folio no
nct_type	Y	N	Enum		Type of operation
tax_number	Y	N	String		PAN
broke_cd	Y	N	String		agent RIA/ARN Code
ria_code	Y	N	String		agent RIA/ARN Code
twofa_auth	Y	N	Enum		either E/M/B
doc_type	Y	N	Enum		E/W E-sign and W-sign if doc_type present than image is compulsory, for E-Sign file type should be pdf and W-Sign file type should be of tiff
nom_opt	Y	N	String		Y N option which is nom optout example
email	N	N	String		primary holder email its based on twofa_auth
mobile_no	N	N	String		primary holder mobile its based on twofa_auth
j1_email	N	N	String		Holder 1 Email ID
j1_mobile	N	N	String		Holder 1 mobile no
j2_email	N	N	String		Holder 2 Email ID
j2_mobile	N	N	String		Holder 2 mobile no
ph_ema_dec	N	N	Enum		Primary holder email declaration SE SP DC DS DP GD PM CD PO
ph_mob_dec	N	N	Enum		Primary holder mobile declaration SE SP DC DS DP GD PM CD PO
j1_ema_dec	N	N	Enum		Joint holder 1 email declaration SE SP DC DS DP GD PM CD PO
j1_mob_dec	N	N	Enum		Joint holder 1 mobile declaration SE SP DC DS DP GD PM CD PO

j2_ema_dec	N	N	Enum		Joint holder 2 email declaration SE SP DC DS DP GD PM CD PO
j2_mob_dec	N	N	Enum		Joint holder 2 mobile declaration SE SP DC DS DP GD PM CD PO

7.3.57 bank_change_info

{					
Attribute	M	List	Type	Limit	Description and example(s)
amc_code	Y	N	String		unique AMC code to be length 3
user_code	Y	N	String		agent_code max of length 15, ARN/RIA Code
folio_no	Y	N	String		Folio no
nct_type	Y	N	Enum		Type of operation
tax_number	Y	N	String		PAN
broke_cd	Y	N	String		agent RIA/ARN Code
ria_code	Y	N	String		agent RIA/ARN Code
twofa_auth	Y	N	Enum		either E/M/B
doc_type	Y	N	Enum		E/W E-sign and W-sign if doc_type present than image is compulsory, for E-Sign file type should be pdf and W-Sign file type should be of tiff
client_code	Y	N	String		Client Code
entity_type	Y	N	String		“UCC”
ref_id	Y	N	Integer		UCC ref_id
nom_opt	Y	N	String		Y N option which is nom optout example
pb_act_no	Y	N	String		bank account number
pb_hld_nam	Y	N	String		bank holder name
pb_ifsc_cd	Y	N	String		bank IFSC Code
pb_act_ty	Y	N	String		bank Account type
pb_nam	Y	N	String		bank name
pb_br_nam	Y	N	String		bank branch name
ab1_act_no	N	N	String		bank account number
ab1_hld_na	N	N	String		bank holder name
ab1_ifs_cd	N	N	String		bank IFSC Code
ab1_act_ty	N	N	String		bank Account type

ab1_name	N	N	String		bank name
ab1_br_nam	N	N	String		bank branch name
ab2_act_no	N	N	String		bank account number
ab2_hld_na	N	N	String		bank holder name
ab2_ifs_cd	N	N	String		bank IFSC Code
ab2_act_ty	N	N	String		bank Account type
ab2_name	N	N	String		bank name
ab2_br_nam	N	N	String		bank branch name
ab3_act_no	N	N	String		bank account number
ab3_hld_na	N	N	String		bank holder name
ab3_ifs_cd	N	N	String		bank IFSC Code
ab3_act_ty	N	N	String		bank Account type
ab3_name	N	N	String		bank name
ab3_br_nam	N	N	String		bank branch name
ab4_act_no	N	N	String		bank account number
ab4_hld_na	N	N	String		bank holder name
ab4_ifs_cd	N	N	String		bank IFSC Code
ab4_act_ty	N	N	String		bank Account type
ab4_name	N	N	String		bank name
ab4_br_nam	N	N	String		bank branch name
ab5_act_no	N	N	String		bank account number
ab5_hld_na	N	N	String		bank holder name
ab5_ifs_cd	N	N	String		bank IFSC Code
ab5_act_ty	N	N	String		bank Account type
ab5_name	N	N	String		bank name
ab5_br_nam	N	N	String		bank branch name

7.3.58 scheme_nfo_date_time_detail

{					
Attribute	M	List	Type	Limit	Description and example(s)
nfo_cutoff_date	Y				NFO Cut-off date

nfo_cutoff_time	Y				NFO Cut-off time
nfo_transaction_type	Y				"New Fund Offer" "Purchase" "Systematic Transfer Plan - IN" "Systematic Investment Plan" "Systematic Transfer Plan - OUT" "Systematic Withdrawal Plan" "Switch-OUT" "Switch-IN" "Redemption"

7.3.59 nfo_payment_details

{	}				
Attribute	M	List	Type	Limit	Description and example(s)
nfo_payment_mode_name	Y				"Cheque" "NEFT/RTGS" "Mandate" "UPI" "DirectCredit/NodalPayment"
nfo_payment_cutoff_date	Y				NFO Payment Cut-off date
nfo_payment_cutoff_time	Y				NFO Payment Cut-off time

7.3.60 scheme_interval_lifecycle

{	}				
Attribute	M	List	Type	Limit	Description and example(s)
scheme_interval_open_date	Y				
scheme_interval_close_date	Y				

7.3.61 scheme_lumpsum

{	}				
Attribute	M	List	Type	Limit	Description and example(s)
scheme_transaction_type	Y		Enum		"Purchase" "New Fund Offer" "Switch-OUT" "Switch-IN" "Redemption"

scheme_transaction_cutoff_time	N		String		Cut off time
scheme_transaction_mode_allowed	Y		Object	Y	Refer scheme_transaction_mode_allowed
scheme_transaction_single_details	Y		Object	Y	Refer scheme_transaction_single_details
scheme_transaction_type_tag_name	Y	N	String		"Purchase"
scheme_transaction_effective_start_date	Y	N	String		"2025-02-01T00:00:00"
scheme_transaction_effective_end_date	N	N	String		"2025-02-01T00:00:00"
scheme_transaction_allowed_options	N	N	Object		Refer scheme_transaction_allowed_options

7.3.62 scheme_transaction_allowed_options

{ }					
Attribute	M	List	Type	Limit	Description and example(s)
scheme_sxp_p_aused	N	N	Boolean		true
scheme_sxp_re_gistration_allow_ed	N	N	Boolean		false
scheme_sxp_tr_igger_allowed	N	N	Boolean		false

7.3.63 scheme_transaction_mode_allowed

{ }					
Attribute	M	List	Type	Limit	Description and example(s)
scheme_transa	Y		Object		"Demat"

cation_mode_all_owed					“Physical”
----------------------	--	--	--	--	------------

7.3.64 scheme_transaction_single_details

{	}				
Attribute	M	List	Type	Limit	Description and example(s)
scheme_transaction_units	Y		Object		Refer scheme_transaction_units
scheme_transaction_amounts	Y		Object		Refer scheme_transaction_amounts
scheme_installment_numbers	N		Object		Refer scheme_installment_numbers Will be available for “systematic” only

7.3.65 scheme_transaction_units

{	}				
Attribute	M	List	Type	Limit	Description and example(s)
scheme_transaction_max_unit	Y		Integer		Max Units
scheme_transaction_min_unit	Y		Integer		Min Units
scheme_transaction_mult_unit	Y		Integer		Multiplier

7.3.66 scheme_transaction_amounts

{	}				
Attribute	M	List	Type	Limit	Description and example(s)
scheme_transaction_max_amt	Y		Integer		Max Amount
scheme_transaction_min_amt	Y		Integer		Min Amount
scheme_transaction_mult_amt	Y		Integer		Multiplier
scheme_transaction_min_additional	C		Integer		Minimum amount for additional deposits. Mandatory for “Purchase” and “Switch-IN”

7.3.67 scheme_installment_numbers

{					
Attribute	M	List	Type	Limit	Description and example(s)
maximum	Y		Integer		Max no of Installments
minimum	Y		Integer		Min no of Installments

7.3.68 scheme_systematic

{					
Attribute	M	List	Type	Limit	Description and example(s)
scheme_transaction_type	Y		Enum		"Systematic Transfer Plan - IN" "Systematic Transfer Plan - OUT" "Systematic Investment Plan" "Systematic Withdrawal Plan"
scheme_transaction_allowed_options	Y		Object		Refer scheme_transaction_allowed_options
scheme_transaction_single_details	Y		Object		Refer scheme_transaction_single_details
scheme_sxp_frequency	Y		Enum		"Daily" "Fortnightly" "Weekly" "Monthly" "Quarterly" "Half Yearly" "Annually" "Periodically"
scheme_sxp_frequency_detail	Y		Object		Refer scheme_sxp_frequency_detail
scheme_systematic_transaction_detail	Y		Object		Refer scheme_systematic_transaction_detail
scheme_transaction_allowed_options	N	N	Object		Refer scheme_transaction_allowed_options
scheme_transaction_cutoff_time	N	N	String		"00:00:00"

e					
scheme_transaction_effective_end_date	N	N	String		"00:00:00"
scheme_transaction_effective_start_date	Y	N	String		"2025-02-01T00:00:00"
scheme_transaction_mode_allowed	Y	N	Object		Refer scheme_transaction_mode_allowed
scheme_transaction_type	Y	N	String		"STP-IN"
scheme_transaction_type_tag_name	Y	N	String		"Systematic Transfer Plan - IN"
sip_flag	N	N	Boolean		false
stp_in_flag	N	N	Boolean		false
stp_out_flag	N	N	Boolean		false
switch_in_flag	N	N	Boolean		false
switch_out_flag	N	N	Boolean		false
swp_flag	N	N	Boolean		false
scheme_category	Y	N	String		"Debt"
amc_active_flag	N	N	Boolean		true
is_active	N	N	Boolean		true

7.3.69 scheme_transaction_allowed_options

{ }					
Attribute	M	List	Type	Limit	Description and example(s)
pause	Y		Boolean		Is pause allowed
trigger	Y		Boolean		Is trigger allowed
first_order	Y		Boolean		Is first order?
registration	Y		Boolean		Is registration allowed

7.3.70 scheme_sxp_frequency_detail

{					
{					
Attribute	M	List	Type	Limit	Description and example(s)
type	Y		Enum		"days" "dates"

7.3.71 scheme_systematic_transaction_detail

{					
{					
Attribute	M	List	Type	Limit	Description and example(s)
gaps	Y		Object		{ "maximum": 200, "minimum": 300, "installment": 100 }

{					
{					
pauses	Y		Object		{ "maximum": 200, "minimum": 300, "no_of_pauses": 0 }

7.3.72 webhook_ack

{					
{					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success" on to indicate webhook is consumed

{					
{					
data	Y	N	Object		{ "id": "20241027-aA123.12" } Here the id has a unique id generated by the consumer of webhook. This ID should begin and end with [azAZ09] ID format is YYYYMMDD-[azAZ09,8]

{					
{					
messages	N	Y	Object		Should be blank

7.3.73 sxp_history_filter_param

{					
{					

Attribute	M	List	Type	Limit	Description and example(s)
no_of_txn	Y	N	Integer		Specifies the number of transactions to be shown
from_date	N	N	String		Specifies the start date for the transaction.
to_date	N	N	String		Specifies the end date for the transaction.
member	N	N	String		Member code

7.3.74 nav_filter_param

{ }					
Attribute	M	List	Type	Limit	Description and example(s)
nav_date	Y	N	String		The Net Asset Value of the Mutual Fund Scheme on a particular date. By default, it will return the NAV of current date.
bse_scheme_code	N	N	String		The BSE mutual fund scheme code.

7.3.75 mandate_filter_param

{ }					
Attribute	M	List	Type	Limit	Description and example(s)
is_active	N	N	boolean		Fetches mandate which is active
is_verified	N	N	boolean		Fetches mandate which is verified
type	N	Y	Array		Mandate type filtering
member_code	N	N	String		Member code filtering
status	N	Y	Array		Member status filtering
ucc	N	N	String		UCC Filtering
created_at_after	N	N	String		Date filtering range
created_at_before	N	N	String		Date filtering range

7.3.76 scheme_filter_param

{

}					
Attribute	M	List	Type	Limit	Description and example(s)
scheme_category	N	N	String		“debt” “equity”
scheme_amc_name	N	N	String		Scheme AMC Name
scheme_option	Y	N	Enum		“Growth” “IDCW Payout” “IDCW Reinvestment”
scheme_plan	Y	N	Enum		“Direct” “Regular”
scheme_isin	N	N	String		Scheme ISIN
scheme_redemption_settlement_days	Y	N	Enum		“T1” “T2” “T3” “T4” “T4” “T6” “T7” “T8” “T9” “T10”
scheme_transaction_mode_allowed	Y		Object	Y	Refer scheme_transaction_mode_allowed

7.3.77 nft_response_obj

{					
Attribute	M	List	Type	Limit	Description and example(s)
IHNo	N	N	String		
Status	N	N	String		
AMCCode	N	N	String		
DocType	N	N	String		
Errcode	N	N	String		
FolioNo	N	N	String		
NCTType	N	N	String		
UsrTxnNo	N	N	String		
EntryDate	N	N	String		

ReturnMsg	N	N	String		
TaxNumber	N	N	String		
TwoFAAuth	N	N	String		
ReturnCode	N	N	String		
PortRemarks	N	N	String		

7.4 Enums

7.4.1 holding_nature

SI	Single
JO	Joint
AS	Anyone or Survivor

7.4.2 tax_status

Tax Code	Tax Status	Tax type	Is Resident?	Is Minor?
01	Individual	Individual	Y	N
02	On behalf of minor	Individual	Y	Y
03	HUF	Non-Individual	Y	N
04	Company	Non-Individual	Y	N
05	AOP	Non-Individual	Y	N
06	Partnership Firm	Non-Individual	Y	N
07	Body Corporate	Non-Individual	Y	N
08	Trust	Non-Individual	Y	N
09	Society	Non-Individual	Y	N
10	Others	Non-Individual	Y	N
11	NRI-Others	Non-Individual	N	N
12	DFI	Non-Individual	Y	N
13	Sole Proprietorship	Non-Individual	Y	N
21	NRE	Individual	N	N
22	OCB	Non-Individual	N	N
23	FII	Non-Individual	N	N
24	NRO	Individual	N	N
25	Overseas Corp. Body - Others	Non-Individual	N	N

26	NRI Child	Individual	N	Y
27	NRI - HUF (NRO)	Non-Individual	N	N
28	NRI - Minor (NRO)	Individual	N	Y
29	NRI - HUF (NRE)	Non-Individual	N	N
31	Provident Fund	Non-Individual	Y	N
32	Super Annuation Fund	Non-Individual	Y	N
33	Gratuity Fund	Non-Individual	Y	N
34	Pension Fund	Non-Individual	Y	N
36	Mutual Funds FOF Schemes	Non-Individual	Y	N
37	NPS Trust	Non-Individual	Y	N
38	Global Development Network	Non-Individual	N	N
39	FCRA	Non-Individual	N	N
41	QFI - Individual	Individual	N	N
42	QFI - Minors	Individual	N	Y
43	QFI - Corporate	Non-Individual	N	N
44	QFI - Pension Funds	Non-Individual	N	N
45	QFI - Hedge Funds	Non-Individual	N	N
46	QFI - Mutual Funds	Non-Individual	N	N
47	LLP	Non-Individual	Y	N
48	Non-Profit organization [NPO]	Non-Individual	Y	N
51	Public Limited Company	Non-Individual	Y	N
52	Private Limited Company	Non-Individual	Y	N
53	Unlisted Company	Non-Individual	Y	N
54	Mutual Funds	Non-Individual	Y	N
55	FPI - Category I	Non-Individual	N	N
56	FPI - Category II	Non-Individual	N	N
57	FPI - Category III	Non-Individual	N	N
58	Financial Institutions	Non-Individual	Y	N
59	Body of Individuals	Non-Individual	Y	N
60	Insurance Company	Non-Individual	Y	N
61	OCI - Repatriation	Individual	N	N
62	OCI - Non Repatriation	Individual	N	N
70	Person of Indian Origin	Individual	N	N
72	Government Body	Non-Individual	Y	N
73	Defense Establishment	Non-Individual	Y	N
74	Non - Government Organisation	Non-Individual	Y	N
75	Bank/Co-Operative Bank	Non-Individual	Y	N
76	Artificial Juridical person	Non-Individual	Y	N
77	Seafarer NRE	Individual	N	N
78	Seafarer NRO	Individual	N	N

tax_code	tax_status
01	Individual
02	On behalf of minor
03	HUF
04	Company
05	AOP
06	Partnership Firm
07	Body Corporate
08	Trust
09	Society
10	Others
11	NRI-Others
12	DFI
13	Sole Proprietorship
21	NRE
22	OCB
23	FII
24	NRO
25	Overseas Corp. Body - Others
26	NRI Child
27	NRI - HUF (NRO)
28	NRI - Minor (NRO)
29	NRI - HUF (NRE)
31	Provident Fund
32	Super Annuation Fund
33	Gratuity Fund
34	Pension Fund
36	Mutual Funds FOF Schemes

37	NPS Trust
38	Global Development Network
39	FCRA
41	QFI - Individual
42	QFI - Minors
43	QFI - Corporate
44	QFI - Pension Funds
45	QFI - Hedge Funds
46	QFI - Mutual Funds
47	LLP
48	Non-Profit organization [NPO]
51	Public Limited Company
52	Private Limited Company
53	Unlisted Company
54	Mutual Funds
55	FPI - Category I
56	FPI - Category II
57	FPI - Category III
58	Financial Institutions
59	Body of Individuals
60	Insurance Company
61	OCI - Repatriation
62	OCI - Non Repatriation
70	Person of Indian Origin
72	Government Body
73	Defense Establishment
74	Non - Government Organisation
75	Bank/Co-Operative Bank

76	Artificial Juridical person
77	Seafarer NRE
78	Seafarer NRO

7.4.3 rdmp_idcw_pay_mode (Payment mode for redemptions & IDCW)

01	Cheque
02	Direct Credit
03	Electronic Clearing Service
04	National Electronic Fund Transfer
05	Real-Time Gross Settlement

7.4.4 nomination_auth_mode

W	Wet Signature
E	Aadhaar ESign
O	OTP Authentication

7.4.5 comm_mode

P	Physical
M	Mobile
E	Email

7.4.6 onboarding

Z	Paperless
P	Paper(physical)

7.4.7 holder_rank

1	First/Primary Holder
2	Second Holder
3	Third Holder

-1	Guardian
----	----------

7.4.8 occ_code

01	Business
02	Service
03	Professional
04	Agriculturist
05	Retired
06	Housewife
07	Student
08	Others
09	Doctor
41	Private Sector Service
42	Public Sector Service
43	Forex Dealer
44	Government Service
99	Unknown / Not Applicable

7.4.9 auth_mode

M	Mobile
E	Email
B	Both

7.4.10 pan_exempt_category

01	Sikkim Resident
02	Transactions carried out on behalf of STATE GOVT
03	Transactions carried out on behalf of CENTRAL GOVT
04	COURT APPOINTED OFFICIALS
05	UN Entity/Multilateral agency exempt from paying tax in India

06	Official Liquidator
07	Court Receiver
08	Investment in Mutual Funds Up to Rs. 50,000/- p.a. including SIP

7.4.11 kyc_type

K	KRA Compliant
C	CKYC Compliant
B	BIOMETRIC KYC
E	Aadhaar EKYC PAN

7.4.12 bank_acc_type

SB	Savings account
CB	Current account
NE	NRE account
NO	NRO account

7.4.13 bank_acc_owner / account_owner

SELF	Self
GUARDIAN	Guardian

7.4.14 depository_code

NSDL	NSDL
CDSL	CDSL

7.4.15 depository_code (order/sxp/mandate)

N	NSDL
C	CDSL

7.4.16 whose_contact_number / whose_email_address

SE	Self
SP	Spouse
DC	Dependent Children
DS	Dependent Siblings
DP	Dependent Parents
GD	Guardian
PM	PMS
CD	Custodian
PO	POA
NA	Not Applicable ()This can only be passed for non-individual Tax Status types)

7.4.17 contact_type

RE	Residential
OF	Office
PR	Primary
OT	Other

7.4.18 nomination_relation

1	Aunt
2	Brother
3	Daughter
4	Daughter In Law
5	Father
6	Father In Law
7	Grand Daughter
8	Grand Son

9	Grand Father
10	Grand Mother
11	Husband
12	Mother
13	Mother In Law
14	Nephew
15	Niece
16	Friend
17	Sister
18	Son
19	Son In Law
20	Uncle
21	Wife
22	Others

7.4.19 gender

M	Male
F	Female
O	Other

7.4.20 identifier_type

file_type	file_label	extension_allowed	is_doc_number_mandatory	is_issue_date_mandatory	is_expiry_mandator	identifier_size
lei	Legal Entity Identifier	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml"]	TRUE	TRUE	TRUE	10240

		["msg", "zip"]				
pan	PAN	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	TRUE	FALSE	FALSE	10240
cancel_cheque	Cancel Cheque	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
bank_statement	Bank Statement	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
cml_copy	CML Copy	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
amc_mail_copy	AMC Mail Copy	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "zip"]	FALSE	FALSE	FALSE	10240

		["eml", "msg", "zip"]				
gst	GST	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	TRUE	TRUE	FALSE	10240
aadhar_card	Aadhar Card	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	TRUE	FALSE	FALSE	10240
rta_email_doc	RTA Email Document	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
registration_doc	Registration Document	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
driving_license	Driving License	["pdf", "jpg", "jpeg", "bmp", "tif",	TRUE	TRUE	TRUE	10240

		["png", "eml", "msg", "zip"]				
passport	Passport	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	TRUE	TRUE	TRUE	10240
pan_exempt_ref_no	PAN Exempt Ref No	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	TRUE	FALSE	FALSE	10240
arn_certificate	AMFI Registration Number	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	TRUE	TRUE	TRUE	10240
sebi_reg_certificate	SEBI Registration Number	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	TRUE	TRUE	FALSE	10240
euin	EUIN	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	TRUE	TRUE	TRUE	10240

		["tif", "png", "eml", "msg", "zip"]				
undertaking_certificate	Undertaking Certificate	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
letter_of_application	Letter of Application	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
gst_declaration	GST Declaration	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
wet_signature	Wet Signature	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
address_proof	Address Proof	["pdf", "jpg", "jpeg", "zip"]	FALSE	FALSE	FALSE	10240

		["bmp", "tif", "png", "eml", "msg", "zip"]				
nism_certificate	NISM passing certificate	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
tan_declaration	TAN allotment/declaration	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
llp_deed	LLP Deed	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
partnership_deed	Partnership Deed	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240

certification_of_incorporation	Certification of Incorporation	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
self_certified_pan	Self-Certified PAN card	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
partnership_resolution	Partnership resolution	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
bank_resolution	Bank resolution	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
certificate_of_registration	Certificate of Registration	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240

authorised_signatory	List of Authorised Signatory	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
board_resolution	Board Resolution	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
trust_deed	Trust Deed	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
TAN	TAN	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
suspension_document	Suspension Supporting Document	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240

supporting_document	Supporting Document	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
scheme_information_document	Scheme information document	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
key_information_memorandum_and_application_form	Key Info Memorandum and App Form	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
aadhaar_esign	Aadhaar Esign	["pdf", "jpg", "jpeg", "bmp", "tif", "png"]	FALSE	FALSE	FALSE	10240
aof	Account Opening Form	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	TRUE	FALSE	FALSE	10240
nomination_form	Nomination Form	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240

		["jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]				
fatca_form	Fatca Form	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	FALSE	FALSE	FALSE	10240
elog	Electronic Log	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	TRUE	FALSE	FALSE	10240
aof_ria	Account Opening Form RAI	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	TRUE	FALSE	FALSE	10240
cin	Corporate Identification Number	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	TRUE	TRUE	TRUE	10240

purchase_redemption	PURCHASE_REDEMPTION	["txt", "csv"]	TRUE	NULL	NULL	10240
switch	SWITCH	["txt", "csv"]	TRUE	NULL	NULL	10240
payin_bank_hdfc_xls	PAY IN BANK HDFC XLS	["xls"]	TRUE	NULL	NULL	10240
payin_bank_icici_xlsx	PAY IN BANK ICICI XLSX	["xlsx"]	TRUE	NULL	NULL	10240
payin_bank_icici_csv	PAY IN BANK ICICI CSV	["txt", "csv"]	TRUE	NULL	NULL	10240
payin_bank_icici_mt940	PAY IN BANK ICICI MT940	["txt", "csv"]	TRUE	NULL	NULL	10240
payin_bank_icici_mt942	PAY_IN_BANK_I CICI_MT942	["txt", "csv"]	TRUE	NULL	NULL	10240
pa_bank_as_mfd	PA_BANK_AS_MFD	["txt", "csv"]	TRUE	NULL	NULL	10240
pa_excl_mem	PA_EXCL_MEM	["txt", "csv"]	TRUE	NULL	NULL	10240
sxp_records_in_sip_reg	SXP_RECORDS_IN_SIP_REG	["txt", "csv"]	TRUE	NULL	NULL	10240
sxp_records_in_xsip_isip_reg	SXP_RECORDS_IN_XSIP_ISIP_REG	["txt", "csv"]	TRUE	NULL	NULL	10240
sxp_records_in_swp_reg	SXP_RECORDS_IN_SWP_REG	["txt", "csv"]	TRUE	NULL	NULL	10240
sxp_records_in_stp_reg	SXP_RECORDS_IN_STP_REG	["txt", "csv"]	TRUE	NULL	NULL	10240
reg_mandate	REG_MANDATE	["txt", "csv"]	TRUE	NULL	NULL	10240
nach_respons	NACH_RESPONSE	["txt", "csv"]	TRUE	NULL	NULL	10240
iman_respons	IMAN_RESPONSE	["txt", "csv"]	TRUE	NULL	NULL	10240
abp_mandate_download	ABP_MANDATE_DOWNLOAD	["txt", "csv"]	TRUE	NULL	NULL	10240
cancel_mandate	CANCEL_MANDATE	["txt", "csv"]	TRUE	NULL	NULL	10240
rff_kfin_file_processing	RFF_KFIN_FILE_PROCESSING	["txt", "csv"]	TRUE	NULL	NULL	10240

rta_in_kfintech_sftp	RTA_IN_KFINTECH_SFTP	["txt", "csv"]	TRUE	NULL	NULL	10240
rta_in_cams_sftp	RTA_IN_CAMS_SFTP	["txt", "csv"]	TRUE	NULL	NULL	10240
rff_cams_file_processing	RFF_CAMS_FILE_PROCESSING	["txt", "csv"]	TRUE	NULL	NULL	10240
dp_cdsl_in_purch_liquid	DP_CDSL_IN_PURCH_LIQUID	["D19"]	TRUE	NULL	NULL	10240
dp_cdsl_in_purch_others	DP_CDSL_IN_PURCH_OTHERS	["D18"]	TRUE	NULL	NULL	10240
dp_nsdl_in_purch_liquid	DP_NSDL_IN_PURCH_LIQUID	["D01"]	TRUE	NULL	NULL	10240
dp_nsdl_in_purch_others	DP_NSDL_IN_PURCH_OTHERS	["D01"]	TRUE	NULL	NULL	10240
bank_log	Bank Log	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	TRUE	TRUE	TRUE	10240
cff_val_resp_in	CFF_VAL_RESP_IN	["txt", "csv"]	TRUE	NULL	NULL	10240
payout_resp_in	PAYOUT_RESP_IN	["txt", "csv"]	TRUE	NULL	NULL	10240
payout_amc_in	PAYOUT_AMC_IN	["txt", "csv"]	TRUE	NULL	NULL	10240
rcptin_resp_records_in_cdsl	RCPTIN_RESP_RECORDS_IN_CDSL	["txt", "csv"]	TRUE	NULL	NULL	10240
rcptin_resp_records_in_ndsl	RCPTIN_RESP_RECORDS_IN_NDSL	["txt", "csv"]	TRUE	NULL	NULL	10240
cdsl_payout_resp_in	CDSL_PAYOUT_RESPONSE_IN	["txt", "csv"]	TRUE	NULL	NULL	10240

nsdl_payout_resp_in	NSDL_PAYOUT_RESPONSE_IN	["D**"]	TRUE	NULL	NULL	10240
amc_mis	AMC_MIS	["txt", "csv"]	TRUE	NULL	NULL	10240
pay_in_bank_hdfc_5020008087951110	PAY_IN_BANK_HDFC_50200087951110	["txt", "csv"]	TRUE	NULL	NULL	10240
billing_bulk_file_upload	BILLING_BULK_FILE_UPLOAD	["csv"]	TRUE	FALSE	FALSE	10240
CDSL	CDSL	["txt"]	TRUE	NULL	NULL	10240
NSDL	NSDL	["txt"]	TRUE	NULL	NULL	10240
pa_exch raz orpay_upi	PA_EXCH_RAZ ORPAY_UPI	["txt", "csv"]	TRUE	NULL	NULL	10240
pa_exch_axis_cheque	PA_EXCH_AXIS_CHEQUE	["txt", "csv"]	TRUE	NULL	NULL	10240
pa_exch_icici_neft_rtgs	PA_EXCH_ICICI_NEFT_RTGS	["txt", "csv"]	TRUE	NULL	NULL	10240
pa_exch_hdfc_neft_rtgs	PA_EXCH_HDFC_NEFT_RTGS	["txt", "csv"]	TRUE	NULL	NULL	10240
pa_in_xsip	PA_IN_XSIP	["txt", "csv"]	TRUE	NULL	NULL	10240
pa_exch_billdesk_otm	PA_EXCH_BILLDESK_OTM	["txt", "csv"]	TRUE	NULL	NULL	10240
pa_exch_finlogic	PA_EXCH_FINLOGIC	["txt", "csv"]	TRUE	NULL	NULL	10240
fund_movement_doc	Fund Movement Supporting Document	["pdf", "jpg", "jpeg", "bmp", "tif", "png", "eml", "msg", "zip"]	NULL	NULL	NULL	10240

7.4.21 Country

Country to be passed is 3 Character ISO Code.

Refer to https://en.wikipedia.org/wiki/ISO_3166-1_alpha-3 for codes.

7.4.22 address_type

1	Residential or Business
2	Residential
3	Business
4	Registered Office
5	Unspecified
6	Resident Or Business Foreign
7	Residential Foreign
8	Business Foreign
9	Registered Office Foreign
10	Unspecified Foreign

7.4.23 occ_type

B	Business
S	Service
O	Others

7.4.24 exemption_code

A	An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)
B	The United States or any of its agencies or instrumentalities
C	A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities
D	A corporation the stock of which is regularly traded on one or more established securities markets, as described in Reg. section 1.1472-1(c)(1)(i)
E	A corporation that is a member of the same expanded affiliated group as a corporation described in Reg. section 1.1472-1(c)(1)(i)
F	A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state
G	A real estate investment trust
H	A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940
I	A common trust fund as defined in section 584(a)
J	A bank as defined in section 581
K	A broker
L	A trust exempt from tax under section 664 or described in section 4947(a)(1)
M	A tax exempt trust under a section 403(b) plan or section 457(g) plan
N	Not Applicable

7.4.25 corporate_service_sector

1	Foreign Exchange/Money Changer Services
---	---

2	Gaming/Gambling/Lottery Services
3	Money Laundering/Pawning
4	Not Applicable

7.4.26 wealth_source

1	Salary
2	Business Income
3	Gift
4	Ancestral Property
5	Rental Income
6	Prize Money
7	Royalty
8	Others

7.4.27 income_slab

31	Below 1 Lakh
32	> 1 <=5 Lacs
33	>5 <=10 Lacs
34	>10 <= 25 Lacs
35	> 25 Lacs < = 1 Crore
36	Above 1 Crore

7.4.28 politically_exposed

Y	the investor is politically exposed person
N	the investor is not politically exposed person
R	if the investor is a relative of the politically exposed person

7.4.29 data_source

P	Physical
E	Electronically

7.4.30 ffi_drnfe

FFI	FFI
DRNFE	DRNFE

7.4.31 is_giin_avail

AF	Applied for
NR	Not required to apply for
NO	Not obtained - Non-participating FI

7.4.32 nfe_category

L	Listed Entity
RL	Related to Listed Entity
A	Active NEFFE
P	Passive NEFFE
NA	Not Applicable for Non NFFE

7.4.33 nfe_sub_category

01	Less than 50 percent of the NFEs gross income for the preceding financial year is passive income and less than 50 percent of the assets held by the NFE during the preceding financial year are assets that produce or are held for the production of passive income;
02	The NFE is a Governmental Entity, an International Organization, a Central Bank, or an entity wholly owned by one or more of the foregoing;
03	Substantially all of the activities of the NFE consist of holding (in whole or in part) the outstanding stock of, or providing financing and services to, one or more subsidiaries that engage in trades or businesses other than the business of a Financial Institution, except that an entity shall not qualify for this status if the entity functions as an investment fund, such as a private equity fund, venture capital fund, leveraged buyout fund, or any investment vehicle whose purpose is to acquire or fund companies and then hold interests in those companies as capital assets for investment purposes;
04	The NFE is not yet operating a business and has no prior operating history, but is investing capital into assets with the intent to operate a business other than that of a Financial Institution, provided that the NFE shall not qualify for this exception after the date that is 24 months after the date of the initial organization of the NFE;
05	The NFE was not a Financial Institution in the past five years, and is in the process of liquidating its assets or is reorganizing with the intent to continue or recommence operations in a business other than that of a Financial Institution;
06	The NFE primarily engages in financing and hedging transactions with, or for, Related Entities that are not Financial Institutions, and does not provide financing or hedging services to any Entity that is not a Related Entity, provided that the group of any such Related Entities is primarily engaged in a business other than that of a Financial Institution;
07	Any NFE that fulfils all of the following requirements: * It is established and operated in India exclusively for religious, charitable, scientific, artistic, cultural, athletic, or educational purposes; or it is established and operated in India and it is a professional organization, business league, chamber of commerce, labor organization, agricultural or horticultural organization, civic league or an organization operated exclusively for the promotion of social welfare; * It is exempt from income tax in India; * It has no shareholders or members who have a proprietary or beneficial interest in its income or assets; The applicable laws of the NFEs country or territory of residence or the NFEs formation documents do not permit any income or assets of the NFE to be distributed to, or applied for the benefit of, a private person or non-charitable Entity other than pursuant to the conduct of the NFEs charitable activities, or as payment of reasonable compensation for services rendered, or as payment representing the fair market value of property which the NFE has purchased; and The applicable laws of the NFEs country or territory of residence or the NFEs formation documents require that, upon the NFEs liquidation or dissolution, all of its assets be distributed to a governmental entity or other non-profit organization, or escheat to the government of the NFEs country or territory of residence or any political subdivision thereof. Explanation.- For the purpose of this sub-clause, the following shall be treated as fulfilling the criteria provided in the said sub-clause, namely:- (I) an Investor Protection Fund referred to in clause (23EA); (II) a Credit Guarantee Fund Trust for Small Industries referred to in clause 23EB; and (III) an Investor Protection Fund referred to in clause (23EC), of section 10 of the Act;

7.4.34 nature_of_relation

SU	Subsidiary
CO	Controlled

7.4.35 fatca_identifier_type

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

7.4.36 ubo_category

UBO	UBO
SMO	SMO

7.4.37 ubo_type_code

C01	CP of legal person-ownership
C02	CP of legal person-other means
C03	CP of legal person-senior managing official
C04	CP of legal arrangement-trust-settlor
C05	CP of legal arrangement-trust-trustee
C06	CP of legal arrangement-trust-protector
C07	CP of legal arrangement-trust-beneficiary
C08	CP of legal arrangement-trust-other
C09	CP of legal arrangement-trust-other-settlor equivalent
C10	CP of legal arrangement-trust-other-trustee-equivalent
C11	CP of legal arrangement-trust-other-protector equivalent
C12	CP of legal arrangement-trust-other-beneficiary-equivalent
C13	CP of legal arrangement-trust-other-other-equivalent
C14	Unknown

7.4.38 ubo_addr_type

1	Residential or Business
2	Residential
3	Business
4	Registered Office
5	Unspecified

7.4.39 ucc_status

ALL	All Records
ACTIVE	Active UCC Records
INACTIVE	Inactive UCC Records
SUSPENDED	Suspended UCC Records
PENDING_AUTH	UCC Records which are Pending UCC Authentication
PENDING_VERIFICATION	UCC Records which are Pending Verification

7.4.40 ucc_count_status

PENDING_VERIFICATION	UCC Records which are Pending Verification
PUSH_BACK	Active UCC Records
PENDING_AUTHENTICATION	UCC Records which are Pending UCC Authentication
REJECTED	Rejected UCC Records
ACTIVE	Active UCC Records
INACTIVE	Inactive UCC Records
DRAFT	Records in Draft State
PENDING_APPROVAL	Records which are awaiting Exchange Approval

7.4.41 order_type

p	Purchase
r	Redemption
s	Switch

7.4.42 order_phys_or_demat

p	Physical
d	Demat

7.4.43 order_status

o	Open Orders
---	-------------

c	Completed Orders
a	All Orders

7.4.44 order_source

sip	Order source SIP
stp	Order source STP
swp	Order source SWP
nfo	Order source NFO
lumpsum	Order source Lumpsum
combo	Order source is Combo order

7.4.45 order_list_status

received	Order is Received
threshold_approval_pending	Threshold Approval for Order is pending
match_pending	Order Match is Pending
expired	Order is Expired
matched	Order has Matched
queued_for_rta	Order is queued for RTA
queued_for_dp	Order is queued for DP
ucc_rejected	UCC rejected order
platform_rejected	Platform rejected order
rta_rejected	RTA rejected order
ops_rejected	OPS team rejected order
rta_error	RTA Error for the order
done	Order Processed successfully

7.4.46 mandate_type

X	NACH
N	Enach, e-mandate
U	UPI Autopay

7.4.47 mandate_mode

ACH	ACH
AD	Auto Debit

7.4.48 sxp_freq

m	Monthly
w	Weekly
d	Daily
f	Fortnightly

q	Quarterly
h	Half yearly
y	Yearly

7.4.49 `sxp_type`

SIP	SIP
SWP	SWP
STP	STP
TOPUP	SXP Top-up
SPROD	Special product

7.4.50 `sxp_status`

reg	Sxp is registered by the member.
active	Sxp is Active
inactive	Sxp is yet to start as per schedule
paused	When UCC has requested to pause SxP
cancelled	When UCC has requested to terminate SxP
mandate_unlink	When the mandate is removed from the SxP
autocancelled	For SIP, When N consecutive payments (as per sub scheme master) have failed
matured	Once all instalments are completed as per the schedule
invalidated	As per business rules defined in masters, this SxP is no longer valid

7.4.51 `sxp_cancel_reason`

1	Non availability of Funds
2	Scheme not performing
3	Service issue
4	Load Revised
5	Wish to invest in other schemes
6	Change in Fund Manager
7	Goal Achieved
8	Not comfortable with market volatility
9	Will be restarting SIP after few months
10	Modifications in bank/mandate/date etc
11	I have decided to invest elsewhere
12	This is not the right time to invest
13	Others(members to enter cancellation reason)

7.4.52 `special_products_type`

FREEDOM	Freedom
GOAL	Goal

INSURED	Insured
SMART	Smart

7.4.53 special_products_goal_type

1	Tax Savings
2	Retirement Planning
3	Kids Education
4	Kids Marriage
5	Dream House
6	Dream Vacation
7	Dream Car
8	Others

7.4.54 paymt_mode

NEFT	NEFT
RTGS	RTGS
CHEQUE	Cheque
UPI	UPI
IFT	Internal Fund Transfer
IMPS	IMPS

7.4.55 nct_type

kfin	cams	Description
NCTCF01	NOM	Opt Out of Nominee
NCTCF02	NOM	Opt In for Nominee
NCTCF03	COC	Change Of Contact
NCTCF04	COM	Change Of Bank

7.4.56 investor_type

Individual	Individual
Non-Individual	Non-Individual

7.4.57 mis_type

XSIP	XSIP
OTM	OTM
DIRECT	DIRECT
NODAL	NODAL

NEFT	NEFT
UPI	UPI
DOWNLOAD	DOWNLOAD
UIR	UPI Recurring
NACH	NACH
CHEQUE	Cheque
ENACH	ENACH
DIRECT DEBIT	DIRECT DEBIT

7.4.58 mis_status

A	Accepted
R	Rejected
P	Pending

7.4.59 2fa_event

ucc_elog	2FA event related to UCC Elog Authentication
ucc_nomination	2FA event related to UCC Nomination Authentication
ucc_authentication	2FA event related to UCC Activation Authentication
order	2FA event related to Orders
sxp	2FA event related to SxP
sxp_topup	2FA event related to SxP_topup
nfo	2FA event related to NFO
nft_email	2FA event related to NFT Email Change
nft_contact	2FA event related to NFT Contact Change
nft_bankacc	2FA event related to NFT Bank Acc Change

7.4.60 scheme_sub_category type

BPSU	Banking & PSU Fund
CRP	Corporate Bond Fund
CRDT	Credit Risk Fund
DYN	Dynamic Bond Fund
FLT	Floater Fund
GLT	Gilt Fund
GLT10	Gilt Fund with 10 year Constant Duration
LIQ	Liquid Fund

LNG	Long Duration Fund
LOW	Low Duration Fund
MED	Medium Duration Fund
MLD	Medium to Long Duration Fund
MON	Money Market Fund
OVN	Overnight Fund
SRT	Short Duration Fund
USRT	Ultra Short Duration Fund
CNTR	Contra Fund
DIV	Dividend Yield Fund
ELSS	ELSS
FLX	Flexi Cap Fund
FOC	Focused Fund
LMC	Large & Mid Cap Fund
LRG	Large Cap Fund
MID	Mid Cap Fund
MLT	Multi Cap Fund
SCTH	Sectoral / Thematic Fund
SML	Small Cap Fund
VAL	Value Fund
AGG	Aggressive Hybrid Fund
ARB	Arbitrage Fund
BAL	Balanced Hybrid Fund
CNSV	Conservative Hybrid Fund
ADV	Dynamic Asset Allocation or Balanced Advantage Fund
EQS	Equity Savings
MLTA	Multi-Asset Allocation Fund
FOF	Fund of Fund
INT	International
GLD	Gold
INDX	Index Funds
ETF	ETFs
CHLD	Children's Fund

RET	Retirement Fund
FMP	Fixed Maturity Plan
LIQD	Liquid

7.4.61 order_lifecycle_status

Order Status	Meaning
sxp_order_triggered	Order Triggered
ops_rejected	Order Rejection - by Exchange
received	Order Received - by Exchange
order_2fa_pending	Investor authentication awaited
bank_tpv_pending	Bank verification awaited
matched	Fund info matched
queued_for_rta	Order queued to RTA
rta_error	Data validation error - RTA
queued_for_rta	Order Sent to RTA
rta_resp_rcvd	Order Accepted by RTA
dp_units_matched	DP Obligation Matched
units_rta_settled	Order settled directly by RTA
done	Allotment Done Cases: - Purchase demat units settled - Purchase physical rff accepted - Redemption demat funds settled - Redemption funds rff accepted - Switch demat units settled - Switch physical rff accepted
partial_units_done	Partial Allotment Done
redempt_rta_settled	Funds Credited - By RTA - Physical
redempt_exch_settled	Funds Credited - By BSE - Demat
queued_for_dp	Allotment Pending (Demat- RFF received)
rta_rejected	Order Rejected -by RTA
dp_rejected	Order Rejected - by DP
refund_pending	Refund Awaited - from RTA/AMC
exch_refund_init	Refund initiated - from BSE
exch_refund_done	Refund Credited- by BSE

exch_refund_attempted	Refund Attempt Failed N/5
exch_refund_failed	Refund Failed
redeempt_payout_attempted	Redemption Fund Payout Attempt Failed N/3
redeempt_payout_failed	Redemption Fund Payout Failed
redeempt_fund_returned_amc	Redemption Funds returned to AMC
funds_to_unclaimed	Moved to unclaimed A/C
threshold_approval_pending	Threshold Approval Pending
match_pending	Match Pending
expired	Order Expired
ucc_rejected	Order Rejection - by investor
platform_rejected	Order Rejection - by platform
refund_approved	After checker approves refund record

7.4.62 sxp_lifecycle_status

Sxp Status	Meaning
active	Active
cancelled	Cancelled by member
sxp_2fa_pending	Investor authentication awaited
autocancelled	Auto Cancelled
paused	Paused
sxp_investor_canc	Cancelled by investor
mandate_unlink	Suspended
matured	Matured
inactive	Inactive
invalidated	Platform rejected
reg	Registered

7.4.63 wh_event

Webhook event and its meaning

Webhook Event	Meaning
ops_rejected	Order: Order Rejection - by Exchange
received	Order: Order Received - by Exchange
order_2fa_pending	Order: Investor authentication awaited
bank_tpv_pending	Order: Bank verification awaited

matched	Order: Fund info matched
queued_for_rta	Order: Order queued to RTA
rta_error	Order: Data validation error - RTA
sent_to_rta	Order: Order Sent to RTA
rta_resp_rcvd	Order: Order Accepted by RTA
units_payout_sent	Order: Order units allocated to UCC
dp_units_matched	Order: DP Obligation Matched
units_rta_settled	Order: Order settled directly by RTA
done	Order: Allotment Done Cases: - Purchase demat units settled - Purchase physical rff accepted - Redemption demat funds settled - Redemption funds rff accepted - Switch demat units settled - Switch physical rff accepted
partial_units_done	Order: Partial Allotment Done
redempt_rta_settled	Order: Funds Credited - By RTA - Physical
redempt_exch_settled	Order: Funds Credited - By BSE - Demat
queued_for_dp	Order: Allotment Pending (Demat- RFF received)
rta_rejected	Order: Order Rejected -by RTA
dp_rejected	Order: Order Rejected - by DP
refund_pending	Order: Refund Awaited - from RTA/AMC
exch_refund_init	Order: Refund initiated - from BSE
exch_refund_done	Order: Refund Credited- by BSE
exch_refund_attempted	Order: Refund Attempt Failed N/5
exch_refund_failed	Order: Refund Failed
redempt_payout_attempted	Order: Redemption Fund Payout Attempt Failed N/3
redempt_payout_failed	Order: Redemption Fund Payout Failed
redempt_fund_returned_amc	Order: Redemption Funds returned to AMC
funds_to_unclaimed	Order: Moved to unclaimed A/C
threshold_approval_pending	Order: Threshold Approval Pending
match_pending	Order: Match Pending
expired	Order: Order Expired
ucc_rejected	Order: Order Rejection - by investor

platform_rejected	Order: Order Rejection - by platform
refund_approved	Order: After checker approves refund record
active	SxP: Active
sxp_order_triggered	SxP: SxP order Triggered
cancelled	SxP: Cancelled by member
sxp_2fa_pending	SxP: Investor authentication awaited
autocancelled	SxP: Auto Cancelled
paused	SxP: Paused
sxp_investor_canc	SxP: Cancelled by investor
mandate_unlink	SxP: Suspended
matured	SxP: Matured
inactive	SxP: Inactive
invalidated	SxP: Platform rejected
reg	SxP: Registered
nft_contact	NFT: NFT Contact change event
nft_nominee	NFT: NFT Nominee change event
nft_bank_acc	NFT: NFT Bank Account change event
PENDING_VERIFICATION	UCC: Pending for verification
ucc_bank_acc	UCC: Bank account verification related event
ucc_dp_acc	UCC: DP account verification related event
ucc_pan_verification	UCC: PAN verification related event
ucc_kyc_verification	UCC: KYC verification related event
ucc_elog_verification	UCC: ELOG verification related event
ucc_auth_nominee	UCC: Nominee Authentication related event
ucc_auth_ucc	UCC: UCC Authentication related event
ucc_auth_elog	UCC: ELOG Authentication related event
ACTIVE	UCC: When the UCC is activated.
Initiated	Mandate: Mandate registered by Exchange
Active	Mandate: Mandate Register
investor_auth_awaited	Mandate: Mandate cancel 2FA is pending
cancelled_by_member	Mandate: Mandate cancel If 2FA is accepted
scan_upload_pending	Mandate: If scan upload is pending

rejected	Mandate: If rejected from agency
in_process_agency	Mandate: Is in the process from agency
agency_pending	Payment Gateway: Payment request is sent to an Agency, waiting for response.
agency_inprocess	Payment Gateway: Payment request is in process at agency's end
agency_approved	Payment Gateway: Payment is approved by an agency.
agency_rejected	Payment Gateway: Payment is rejected by an agency.
agency_cancelled	Payment Gateway: Payment is cancelled by an agency.

7.4.64 wh_event_type

Type of event

Event type	Meaning
UCC	UCC related events
ORDER	Order related events
SXP	SxP related events
MANDATE	Mandate related events
NFT	NFT related events
PAYMENT GATEWAY	PAYMENT GATEWAY related events

7.5 Error Codes

This Section provides a list of expected error codes for completeness. Some of the errors will never appear for StARMFv2 API users. In future releases, an API will be available to fetch the latest list of error codes and descriptions.

key	value	
500	Please try after sometime	
501	Received an invalid request	
502	For {<field>} is {<val_0>}	
503	Try after sometime	" { ""msgid"": 503, }

		<pre> """errcode"": """", """field"": """no bucket found""" }"</pre>
504	Invalid ID for the selected record	
505	ID not found for the selected record	<pre>"{ """msgid"": 505, """errcode"": """id_not_exist""", """field"": """id""", """vals"": ["""78"""] }"</pre>
506	Selected {<field>} does not exist	
507	Record not found	<pre>"{ """status"": """error""", """data"": null, """messages"": [{ """msgid"": 507, """errcode"": """record_not_found""" }] }"</pre>
508	Token missing	
509	Token verification failed	
510	Token cache failed	
511	Invalid tax code for {<field>}	
512	Invalid group id for {<field>}	
513	Invalid account type id for {<field>}	
514	Invalid tax name for {<field>}	
515	{<field>} should be in the format {<val_0>} for value '{<val_1>}'	
516	{<field>} should be 10 digit {<val_0>}	
517	Missing {<field>}	<pre>"{ """msgid"": 517, """errcode"": """missing""",</pre>

		<pre> """field"": """", """vals"": ["""Amc_mail_copy identifier is missing"""] },"</pre>
518	Invalid value for {<field>}	
519	{<field>} must be between {<val_0>} and {<val_1>}	
520	{<field>} is mandatory, and {<val_0>}	
521	ISO3166_1_ALPHA3 for {<field>}	
522	{<field>} is Required	<pre>"{ """msgid"": 522, """errcode"": ""required"", """field"": ""FirstName"", """vals"": ["""] },"</pre>
523	{<field>} expects only {<val_0>} characters	
524	Length for {<field>} should be {<val_0>} but received {<val_1>}	<pre>"{ """status"": ""error"", """data"": null, """messages"": [{ """msgid"": 524, """errcode"": ""len"", """field"": ""CkycNumber"", """vals"": ["""], """ }] }"</pre>
525	{<field>} has the value {<val_0>}, exceeds maximum value {<val_1>}	

526	{<field>} must be {<val_0>} characters	"{ ""msgid"": 526, ""errcode"": ""min"", ""field"": ""nfo_payment_details"", ""vals"": [""1""] },"
527	{<field>} should be max {<val_0>} characters	
528	{<field>} is invalid for {<val_1>}	
529	{<field>} is invalid for {<val_1>}	
530	{<field>} does not match for {<val_0>}	
531	JSON marshal error for {<field>}	
532	one of for {<field>}	
533	Mismatch for id and entity type	
534	ID and status mismatch	
535	Invalid value for {<field>}	
536	Invalid Status	
537	{<field>} expects only {<val_0>} characters	
538	{<field>} expects only {<val_0>} and {<val_1>} characters	
539	Duplicate Record for {<field>} found for value {<val_0>} in {<val_1>}	"{ ""status"": ""error"", ""data"": ""name"", ""messages"": [{ ""msgid"": 539, ""errcode"": ""duplicate_record"", ""field"": ""name"", ""vals"": [""DRAFT""] }] }"
540	Name already exists	

541	Code already exists	
542	Country and state mismatch	
543	{<field>} expects only {<val_0>} and {<val_1>} characters	
544	Missing file {<val_0>} in {<val_1>}	<pre>{ "status": "error", "data": { "failed_id": [83], "messages": [{ "msgid": 544, "errcode": "tx_error", "field": "ID", "vals": ["amc_20240622_121859_1.png", "basic_details"] }] } }</pre>
545	ID and Tag ID mismatch	
546	Already inactive	
547	All fields restricted	
548	No more ID allowed with all	
549	Overlapping date range	
550	ID or entity required	
551	JSON unmarshal error for {<field>}	
552	Invalid date time for {<field>} for value {<val_0>}	
553	Provided bank not supported for {<field>}	
554	Pan bank verification failed for {<field>}	
555	Yes bank pennydrop transfer failed for {<field>}	

556	Yes bank pennydrop status check failed for {<field>}	
557	Yes bank pennydrop status check timed out for {<field>}	
558	Custom pennydrop failure for {<field>}	
559	Invalid value for {<field>},{<val_0>}	<pre>" { ""msgid"": 559, ""errcode"": ""invalid_data"", ""field"": ""identifier_number"", ""vals"": [""pan"", ""invalid PAN fourth character of identifier number TYHPJ8907 and required NA"""] },"</pre>
560	Data not found for {<field>}	
561	{<field>} is not allowed	
562	Entity not exist in {<field>}	
563	CCCM ID should be same for all DP accounts	
564	Field should be '{<val_0>}' for '{<val_1>}'	
565	Invalid declaration type'	
566	Required {<field>} Document for {<val_0>}	
567	Invalid transaction combination for {<field>}	
568	Invalid pattern of {<val_0>} for {<field>}	<pre>"{ ""status"": ""error"", ""data"": null, ""messages"": [{ ""msgid"": 568, ""errcode"": ""invalid_pattern"", ""field"": """", ""Sebi_reg_certificate.IdentifierNumber"": """", ""vals"": [""INB000145236"""] }] },"</pre>

		"}
569	Server Credentials missing in {<field>}	
570	Protean PAN verification failed	
571	{<field>} {<val_1>} should be greater than {<val_0>}	"{ """msgid"": 571, """errcode"": """", """invalid_date_order_error """, """field"": ""nfo_close_date""", """vals"": [""2024-06-18"", ""2024-06-18"""] },"
572	Invalid numeric suffix for {<field>}	
573	Invalid scheme name prefix	
574	Invalid {<field>} given value {<val_1>} {<val_0>}	
575	Select atleast {<val_0>} {<field>}	
576	Invalid value for {<field>}	
577	Invalid value for {<field>}	
578	Invalid value for {<field>}	
579	Invalid {<field>} value for {<val_0>}	"{ """msgid"": 579, """errcode"": ""invalid"", """field"": ""Transaction Date and Cut Off Time(IST)""", """vals"": ["""", ""2024-06-18"""] },"
580	Unable to get token	"{ """msgid"": 580, """errcode"": """", """unable_to_get_token""", """field"": ""token""" },"

		"}
581	User already exists	
582	Invalid username format	
584	Group not found	
585	Users are present in this group	
586	Could not add user to keycloak	
587	User not found	
588	Unable to get users	
589	Unable to deactivate users	
590	Unable to activate users	
591	Failed to load dependencies	
592	Visibility Already Exists	<pre>"{ ""msgid"": 592, ""errcode"": """", ""visibility_already_exists"", ""field"": """", ""group_id,role_id,visibility_id"", ""vals"": [""1 4 1"""] }"</pre>
593	Visibility Does Not Exist	<pre>"{ ""msgid"": 593, ""errcode"": """", ""visibility_doesnot_exists"", ""field"": ""visibility_id"", ""vals"": [""ss"""], """ }"</pre>
594	Visibility Mapped To Role	
595	Object repeated for {<field>}	
596	CVLKRA failed in {<field>}	
597	UCC exists for mandate	
598	Invalid operation	

599	{<field>} is not activated yet, choose the Effective Start Date after {<val_0>}	
600	Invalid value for {<field>}	
601	msg org branch does not exist	
602	Inactive record	
603	{<field>} is not activated yet, choose the Effective Start Date after {<val_0>}	" """msgid"": 603, ""errcode"": ""EffectiveStartDate"""", ""field"": ""Start date must be after today""", ""vals"": [""2024-06-12 00:00:00 +0000 UTC""]"
604	Invalid Effective End Date for	
605	Failed to store object in {<field>}	"{ ""msgid"": 605, ""errcode"": ""failed to store object"" }
606	Pennyless yes bank error	
607	Failed to fetch nomination detail	
608	Failed to get the object	
609	Minio error	
610	Cdsl file encoding failed	
611	Nsdl file encoding failed	
612	Depositary failed in {<field>}	
613	Failed to get identifier id in {<field>}	
614	Failed to get holder rank in {<field>}	
615	Failed to get DP verification req data	
616	NSDL File Creation Failed	
617	CDSL file creation error	
618	CDSL file flush error	
619	Invalid Depositary	
620	Error getting minor to major email template	

621	error processing minor to major email	
622	error while updating database	
623	Failed to fetch data for nomination validation:	
624	Error processing minor to major email	
625	Operation failed	
626	Failed to load minio config	
627	Failed to remove object	
628	Out of memory	
629	Missing multipart form	
630	Error reading file	
631	Binding error	
632	Invalid Holding Type	
633	Invalid Tax_Status	
634	Declaration detail fetch error	
635	Scheduled email job add	
636	Invalid NAV file name	
637	Member_Type_Mismatch	
638	id and is process mismatch	
639	id and is communication mismatch	
640	The provided ID and label in the {<field>} do not correspond correctly.	
641	The provider specified in the {<field>} is not recognized.	
642	The ID, entity, or status type specified in the {<field>} do not match correctly.	
643	The ID and reference ID in the {<field>} do not match correctly.	
644	An error occurred while processing the scheduled pending email jobs in {<field>}.	
645	A dependency error occurred in the {<field>}.	
646	A transaction error occurred in the {<field>}.	
647	The provided PAN (Primary Account Number) in the {<field>} is invalid.	

648	The PAN (Primary Account Number) is required in the {<field>}.	
649	The reason for PAN (Primary Account Number) is required in the {<field>}.	
650	The end date is required in the {<field>}.	
651	Failed to update the record in the {<field>}.	
652	Failed to fetch PAN details in the {<field>}.	
653	The effective end date should be greater than the current date in the {<field>}.	
654	Invalid request. The PAN is already debarred or exists.	
655	The start date cannot be in the past in the {<field>}.	
656	The start date should be less than the end date in the {<field>}.	
657	There was a validation error in the {<field>}.	
658	Transaction error occurred for the user in the {<field>}.	
659	Authentication failed for the NFT (Non-Fungible Token) in the {<field>}.	
660	Id and reference tag Id do not match correctly.	
661	The minimum and maximum values are invalid in the {<field>}.	
662	The record is not in draft status.	
663	The ID does not exist.	
664	The error state does not exist in the {<field>}.	
665	The holder type ID is invalid in the {<field>}.	
666	There was an error processing the bank account identifiers in the {<field>}.	
667	{<field>} is required id {<val_0>}	"{ ""msgid"": 667, ""errcode"": ""required_if"", ""field"": ""EmailAddress"", ""vals"": [""" """] }"

] }"
679	Data mismatch. Invalid {<field>} is required with {<val_0>}.	
668	{<field>} is required with {<val_0>}.	
669	The field should only contain letters and spaces in {<field>}.	
999	Record {<field>}ed Successfully for '{<val_0>}'	
1001	Please Enter {<field>} Pattern for {<val_0>}	
1023	{<field>} token_member_mismatch	
1024	numeric	
1025	No active records found	
670	Invalid captcha	
671	Generate captcha	
672	Login failed	
673	Unauthorized	
677	Audit trail failed	
678	Data mismatch for {<field>} for {<val_0>} in {<val_1>}	
683	The {<field>} field invalid formate {<val_0>}	
686	Rigel error {<val_0>}	
687	Something wrong {<val_0>}	
692	Manual process by required {<val_0>} in {<val_1>}	
695	File generation failed	
696	Invalid file type {<val_0>}	
697	Member not found	
698	BASE64 decode error {<val_0>}	
701	Minio file not found {<val_0>} in {<val_1>}	
702	Role Already exists	
703	Allowed for exchange {<val_0>}	
713	Otp not matched	
707	Max attempt reached	

708	Twofa link expired
710	Approval accepted
711	Rejection Accepted
712	Too fast otp request
706	Role not exists with user
714	NFT nominee change failed
715	NFT contact change failed
1025	No active records found
1027	Duplicate identifier type {<val_0>} in {<val_1>}
1028	Match not found {<val_0>} in {<val_1>}
1029	Data mismatch for {<field>} for @<val_0>@ in @<val_1>@
1030	The {<field>} No bucket found
1031	The {<field>} Invalid timezone
1542	The {<field>} RSA decryption error
1543	AES decryption error
1544	IMPS status check failed
1546	PAN combination not found
1547	Bank verification failed
1548	ICICI pennydrop failed
1507	Record Not Found

7.5.1 Order Error Codes

Refer to [Error Codes](#) for examples of error codes

Error Code	Error Description
1522	Required field is not present.
1505	ID not exist.
1507	Record not found
1503/1520	application_error
1539	Record already exist

1551/1531	Incorrect information provided
1579	Invalid
1587	Inactive record is being referred to in this order.
1588	This combination of data is not allowed.
1594	Order details do not match UCC information.
1000	Order placed does not belong to a Regular Plan.
1001	Order placed does not belong to a Direct Plan.
1002	Member is Suspended.
1005	Order is placed after Closing Date.
1006	Value is not within the Min-Max range.
1007	The member is not allowed to place orders for this AMC.
1009	Amount not within Min-Max allowed range.
1010	Amount is less than minimum Amount for additional Lumpsum order
1011	Amount is not in multiples of minimum additional
1012	Purchase Order cannot be in Units
1013	Min-Max units for this redemption and switch out is invalid
1015	Order is above Member Threshold
1016	Order is above Global Threshold
1017	Invalid Frequency for the order
1018	SIP order cannot be in Units
1019	Min-Max units for frequency is invalid
1020	Incomplete_operation: for any UCC related operations which are incomplete like nomination, holder details, aof, elog, fatca,etc
2518	Invalid Email
2530	{<field>} does not match for {<val_1>}
2531	JSON marshal error
2551	JSON unmarshal error
2560	Data not found for {<field>}
2605	Failed to store object
2608	Failed to get the object

2625	Operation failed
1584	The field {<field>} is invalid for {<val_0>}
2544	Missing file
1517	Missing {<field>}
1503	Try after sometime
1580	Invalid date time for {<field>} for value {<val_0>}
1581	Invalid Json
1593	The field {<field>} is invalid for {<val_0>}
1028	At least one of the following {<field>} is required for {<val_0>}
1029	Multiple values provided for {<field>} for {<val_0>}
1585	The field {<field>} is invalid for {<val_0>}
1586	The field {<field>} is invalid for {<val_0>}
1587	{<field>} record is inactive for {<val_0>}
1588	{<field>} is not allowed for {<val_0>}
1589	time parsing error for {<field>}
1540	Duplicate Record for {<field>} found for value {<val_0>}
1590	Insufficient information for {<field>}
2518	The field {<field>} is invalid for {<val_0>}
1027	The field {<field>} is invalid event or order
1026	Failed to update {<field>} for {<val_0>}
1025	Failed to cancel {<field>} for {<val_0>}
712	Too fast resend OTP request, ignored
711	Link expired or some holders have already rejected this request
710	Your approval accepted, further approvals pending
709	invalid action
708	some holders have already rejected this request
707	maximum attempts reached
706	otp not matched
1676	Member not found
2675	Failed to process file

1596	Details Mismatch for field {<field>}
1595	Details Mismatch for field {<field>} for {<val_0>}
1594	Details Mismatch for {<field>} field value should be {<val_1>} instead of {<val_0>}
1597	Details Mismatch

7.5.2 SxP Error Codes

Refer to [Error Codes](#) for examples of error codes

Error Code	Error Description
3522	Required field is not present.
3505	ID not found for {<field>} for value {<val_0>}
3539	Record already exists
3507	Record not found
3520/3503	Try again after some time
3551/3531	Incorrect information provided
3579/3671/3603/3580	Invalid date time for {<field>} for value {<val_0>}
3561	not_allowed
581	invalid_json
3669	invalid_field
3692	detail_mismatch
3801	global_threshold_high
3604	Invalid Effective End Date for {<field>}
3667	Invalid Brokerage found for {<field>} for value {<val_0>}
3672	Invalid Type for {<field>} field for value {<val_0>}
3573	The {<field>} is not found from rigel
3501	Received an invalid request
4560	Data not found
3602	Inactive record for {<field>} for value {<val_0>}
3669	The field {<field>} is invalid for {<val_0>}, {<val_1>}

673	unauthorized access
3676	member not found
3698	Base64 decoding failed: Invalid or corrupted data
3675	Invalid file type
3682	The field {<field>} not regular plain for {<val_0>}
3683	The field {<field>} not direct plain for {<val_0>}
3789	The field {<field>} amount {<val_1>} is invalid for {<val_1>}, @<val_2>@
3690	The {<field>} field must be {<val_0>}
3778	The {<val_0>} member is suspended. Please choose a different member.
3779	The {<val_0>} member is not mapped with amc {<val_1>}
3800	The order amount for given {<val_0>} exceeds the member's threshold amount {<val_1>}. Please enter a lower amount.
3801	The order amount for given {<val_0>} exceeds the global threshold amount {<val_1>}. Please enter a lower amount.
3692	Details Mismatch for field {<field>}
3793	Details Mismatch for {<field>} field value should be {<val_1>} instead of {<val_0>}
3693	incomplete operation for field {<field>} for value {<val_0>}, {<val_1>}
3901	otp not matched
3902	maximum attempts reached
3903	Link expired or some holders have already rejected this request
3904	invalid action
3905	Your approval accepted, further approvals pending
3906	Some holders have already rejected this request
3907	Too fast resend OTP request, ignored
1593	The field {<field>} is invalid for {<val_0>}
3908	Session expired
3702	The field {<field>} is invalid event
3809	Invalid {<field>} for {<val_0>} and {<val_1>} and @<val_2>@
3810	{<field>} is not valid for {<val_0>} of type {<val_1>} @<val_2>@
3710	Authentication is pending for registration number {<val_0>}. Please complete the authentication process to proceed

3711	The cancellation request for registration number {<val_0>} has already been processed
3707	Failed to initiate payment gateway transaction {<field>}
3708	BillDesk API error for {<field>}
3709	BillDesk order mapping failed due to {<field>}
3812	Failed to create Razorpay payment for {<field>}
3813	Order creation failed due to {<field>}
3689	Invalid amount {<val_1>} for {<field>} {<val_0>}

7.5.3 Mandate Error Codes

Refer to [Error Codes](#) for examples of error codes

Error Code	Error Description
3701	Scan image upload not allowed
3706	Mandate is already linked to sxp
3704	sxp not active
3705	Not allowed sip type
3580	Invalid date time for {<field>} for value {<val_0>}
3581	Invalid json
3573	The {<field>} is not found from rigel
3544	error while inserting record
4560	Data not found
3604	Invalid Effective End Date for {<field>}
3624	Operation failed
3655	Failed to update the record in the {<field>} for value {<val_0>}
3657	There was a validation error in the {<field>}
3663	The ID does not exist for {<field>}
3668	Failed to add record, {<val_0>}
3669	The field {<field>} is invalid for {<val_0>}, {<val_1>}
3676	member not found
3677	slow query error

3675	Invalid file type
3679	The field {<field>} list limit exceeded for {<val_0>}
3680	Invalid Bank Account Details
3692	Details Mismatch for field {<field>}
3792	ID not found for {<field>} for value @{<val_0>}@
3909	The field {<field>} token mismatch for given {<val_0>}, {<val_1>}
3910	failed to check mime.
3911	file extension for {<val_0>} is invalid for field {<field>}
3700	The field {<field>} is failed to map record for value {<val_0>}
3701	The field {<field>} is not allowed to upload Scan image for value {<val_0>}
3703	The field {<field>} is invalid event
3704	The field {<field>} sxp is not active for {<val_0>}
3705	The field {<field>} is {<val_0>} sip type is not allowed
3697	Failed to create HTTP client
3798	Failed to read HTTP response
3699	HTTP request creation failed
3912	Encryption failed
3802	Decryption failed
3804	failed to register mandate, {<field>}
3806	failed to get mandate history, {<val_0>}
3807	kafka billing error
3712	The provided mandate is already linked to SXP for registration number {<val_0>}
3713	Mismatch in mandate rejection count
3714	Mandate {<field>} is {<val_0>}
3811	Mandate cancellation failed for {<field>}: {<val_0>}. The mandate is currently in {<val_1>} status.

8 Examples

8.1 ucc

8.1.1 add_ucc

8.1.1.1 Request

Endpoint: /v2/add_ucc

```
{  
    "data": {  
        "member_code": {  
            "member_id": "xxxx"  
        },  
        "investor": {  
            "client_code": "34099321001"  
        },  
        "tax_code": "26",  
        "holding_nature": "SI",  
        "rdmp_idcw_pay_mode": "01",  
        "is_client_physical": true,  
        "is_client_demat": false,  
        "ucc_status": "A",  
        "is_nomination_opted": false,  
        "nomination_auth_mode": "O",  
        "comm_mode": "P",  
        "onboarding": "Z",  
        "holder": [  
            {  
                "occ_code": "02",  
                "auth_mode": "M",  
                "holder_rank": "1",  
                "is_active": true,  
                "is_pan_exempt": false,  
                "identifier": [  
                    {  
                        "identifier_type": "pan",  
                        "identifier_number": "ASWPG1334G"  
                    }  
                ],  
                "kyc_type": "C",  
                "ckyc_number": "12341876543242",  
                "person": {  
                    "first_name": "vaibhav",  
                    "last_name": "Patel",  
                    "middle_name": null,  
                    "date_of_birth": "1990-01-01",  
                    "gender": "M",  
                    "nationality": "India",  
                    "citizenship": "India",  
                    "pan": "ASWPG1334G",  
                    "aadhar": "123456789012345678",  
                    "mfn": null,  
                    "otp": null,  
                    "kyc_status": "PENDING",  
                    "kyc_expiration": "2025-12-31",  
                    "kyc_provider": "NSE",  
                    "kyc_document": "N/A",  
                    "kyc_document_expiration": null  
                }  
            }  
        ]  
    }  
}
```

```

        "middle_name": "rajan",
        "last_name": "shirsath",
        "dob": "01-Jan-2020",
        "gender": "M"
    },
    "contact": [
        {
            "contact_number": "9912345678",
            "country_code": "91",
            "whose_contact_number": "SE",
            "email_address": "rubrobin2001@gmail.com",
            "whose_email_address": "SE",
            "contact_type": "PR"
        }
    ]
},
{
    "occ_code": "03",
    "auth_mode": "M",
    "holder_rank": "-1",
    "is_active": true,
    "is_pan_exempt": false,
    "kyc_type": "C",
    "ckyc_number": "12341876543232",
    "person": {
        "first_name": "gangadhar",
        "middle_name": "ramesh",
        "last_name": "shirsath",
        "dob": "12-Jan-1960",
        "gender": "F"
    },
    "identifier": [
        {
            "identifier_type": "pan",
            "identifier_number": "ASWPG1434G"
        }
    ],
    "contact": [
        {
            "contact_number": "9912348958",
            "country_code": "91",
            "whose_contact_number": "SE",
            "email_address": "santhosh@tantiv4.com",
            "whose_email_address": "SE",
            "contact_type": "PR"
        }
    ]
}

```

```

        }
    ]
}
],
"comm_addr": {
    "address_line_1": "Flat No. 102, ABC Apartments",
    "address_line_2": "Gangapur Road",
    "address_line_3": "Nashik, Maharashtra 422005",
    "postalcode": "400010"
},
"foreign_addr": {
    "address_line_1": "123 Main Street",
    "address_line_2": "Apt 101 njjjbbhjbhhbj",
    "address_line_3": "Houston, Texas 77002",
    "postalcode": "77002",
    "city": "Houston",
    "state": "Texas",
    "country": "USA"
},
"bank_account": [
{
    "ifsc_code": "HDFC0009375",
    "bank_acc_num": "6986598569865",
    "bank_acc_type": "NE",
    "account_owner": "SELF",
    "identifier": [
        {
            "identifier_type": "bank_statement",
            "file_name": "bank_statement.png",
            "file_size": 1024,
            "file_blob": "",
            "additional_info": null
        }
    ]
}
],
"fatca": [
{
    "HolderRank": "1",
    "place_of_birth": "New York City",
    "country_of_birth": "USA",
    "client_name": "vaibhav",
    "investor_type": "Individual",
    "dob": "01-Jan-2020",
    "father_name": "Michael Johnson",

```

```

    "spouse_name": "Emily Johnson",
    "address_type": "2",
    "occ_code": "01",
    "occ_type": "B",
    "tax_status": "NRI Child",
    "exemption_code": "A",
    "identifier": {
        "identifier_type": "pan",
        "identifier_number": "ASWPG1334G"
    },
    "corporate_service_sector": "1",
    "wealth_source": "1",
    "income_slab": "31",
    "net_worth": 125000.00,
    "date_of_net_worth": "20-Jun-2022",
    "politically_exposed": "Y",
    "is_self_declared": true,
    "data_source": "P",
    "log_name": "",
    "tax_residency": [
        {
            "country": "IND",
            "tax_id_no": "1234567890",
            "tax_id_type": "A"
        },
        {
            "country": "CAN",
            "tax_id_no": "987654321",
            "tax_id_type": "B"
        }
    ],
    {
        "HolderRank": "-1",
        "place_of_birth": "New York City",
        "country_of_birth": "USA",
        "client_name": "gangadhar",
        "investor_type": "Individual",
        "dob": "12-Jan-1960",
        "father_name": "dinesh shewale",
        "spouse_name": "sangita",
        "address_type": "2",
        "occ_code": "01",
        "occ_type": "B",
        "tax_status": "NRI Child",
    }
]
}

```

```

    "exemption_code": "A",
    "identifier": {
        "identifier_type": "pan",
        "identifier_number": "ASWPG1434G"
    },
    "corporate_service_sector": "1",
    "wealth_source": "1",
    "income_slab": "31",
    "net_worth": 125000.00,
    "date_of_net_worth": "20-Jun-2019",
    "politically_exposed": "Y",
    "is_self_declared": true,
    "data_source": "P",
    "tax_residency": [
        {
            "country": "IND",
            "tax_id_no": "1234567890",
            "tax_id_type": "A"
        },
        {
            "country": "CAN",
            "tax_id_no": "987654321",
            "tax_id_type": "B"
        }
    ]
}
}
}
}

```

8.1.1.2 Response

```

{
    "status": "success",
    "data": {
        "client_code": "34099321001",
        "member_code": "xxxx",
        "status": "APPROVED"
    },
    "messages": []
}

```

8.1.2 update_ucc

Endpoint: /v2/update_ucc

8.1.2.1 update_ucc

8.1.2.1.1 Request

```
{  
    "data": {  
        "member_code": {  
            "member_id": "xxxx"  
        },  
        "investor": {  
            "client_code": "34099321001"  
        },  
        "comm_addr": {  
            "address_line_1": "Flat No. 504, ABC Apartments",  
            "address_line_2": "Gangapur Road",  
            "address_line_3": "Nashik, Maharashtra 422005",  
            "postalcode": "400010"  
        }  
    }  
}
```

8.1.2.1.2 Response

```
{  
    "status": "success",  
    "data": {  
        "client_code": "34099321001",  
        "member_code": "xxxx",  
        "status": "APPROVED"  
    },  
    "messages": []  
}
```

8.1.2.2 update_ucc: bank account

8.1.2.2.1 Request

```
{  
    "data": {  
        "member_code": {  
            "member_id": "xxxx"  
        }  
    }  
}
```

```

        },
        "investor": {
            "client_code": "34099321001"
        },
        "bank_account": {
            "delete": [
                {
                    "ifsc_code": "HDFC0009375",
                    "bank_acc_num": "6986598569822",
                    "bank_acc_type": "NE",
                    "account_owner": "SELF"
                }
            ],
            "add": [
                {
                    "ifsc_code": "KKBK0002006",
                    "bank_acc_num": "kk6986598569889",
                    "bank_acc_type": "NE",
                    "account_owner": "SELF"
                }
            ]
        }
    }
}

```

8.1.2.2.2 Response

```
{
    "status": "success",
    "data": {
        "client_code": "34099321001",
        "member_code": "xxxx",
        "status": "APPROVED"
    },
    "messages": []
}
```

8.1.2.3 update_ucc: holder object

8.1.2.3.1 Request

```
{
    "data": {
        "member_code": {
            "member_id": "2112121"
        },
        "investor": {

```

```

        "client_code": "2112212"
    },
    "holder": {
        "add": [
            {
                "holder_rank": "2",
                "occ_code": "02",
                "is_pan_exempt": false,
                "kyc_type": "B",
                "contact": [
                    {
                        "contact_number": "9604000705",
                        "country_code": "91",
                        "whose_contact_number": "SE",
                        "email_address": "rajeshsahuu23i@gmail.com",
                        "whose_email_address": "SE",
                        "contact_type": "PR"
                    }
                ]
            }
        ]
    }
}
}

```

8.1.2.3.2 Response

```
{
    "status": "success",
    "data": {
        "client_code": "0589833",
        "member_code": "0103",
        "parent_client_code": "",
        "status": "PENDING_APPROVAL"
    },
    "messages": null
}
```

8.1.3 list_ucc

Endpoint: /v2/list_ucc

8.1.3.1 Request

```
{  
    "data": {  
        "start": 0,  
        "length": 1000,  
        "fields": [  
            "ALL"  
        ],  
        "filter_param": {  
            "holding_nature": "JOINT"  
        },  
        "ucc_status": "ALL"  
    }  
}
```

8.1.3.2 Response

```
{  
    "status": "success",  
    "data": {  
        "count": 1,  
        "lists": [  
            {  
                "member_code": {  
                    "member_id": "xxxx"  
                },  
                "investor": {  
                    "client_code": "1002900031"  
                },  
                "parent_client_code": "",  
                "holding_nature": "JOINT",  
                "tax_status": "Individual",  
                "tax_code": "01",  
                "rdmp_idcw_pay_mode": "CHEQUE",  
                "is_client_physical": true,  
                "is_client_demat": true,  
                "is_nomination_opted": true,  
                "nomination_auth_mode": "O",  
                "comm_mode": "E",  
                "onboarding": "Z",  
                "ucc_status": "PENDING_VERIFICATION",  
                "holder": [  
                    {  
                        "holder_rank": "1",  
                        "occ_code": "02",  
                    }  
                ]  
            }  
        ]  
    }  
}
```

```

    "auth_mode": "M",
    "is_pan_exempt": false,
    "pan_exempt_category": "",
    "identifier": [
        {
            "identifier_type": "pan",
            "identifier_number": "NOTPA0008A",
            "entity_sub_state": "HOLDER",
            "is_active": true
        }
    ],
    "kyc_type": "C",
    "ckyc_number": "12341876543232",
    "person": {
        "first_name": "vaibhav",
        "middle_name": "rajan",
        "last_name": "shirsath",
        "dob": "01-Jan-2000",
        "gender": "M"
    },
    "contact": [
        {
            "contact_number": "8050733694",
            "whose_contact_number": "SE",
            "email_address": "shishir.ballal@mindstack.in",
            "whose_email_address": "SE",
            "contact_type": "PR",
            "is_foreign": false
        }
    ],
    "nomination": [
        {
            "holder_name": "",
            "first_name": "Anjali",
            "middle_name": "divesh",
            "last_name": "shirsath",
            "dob": "23-Jan-2020",
            "nomination_relation": "3",
            "is_minor": true,
            "nomination_percent": 100,
            "pan_exempt_category": "",
            "identifier": [
                {
                    "identifier_type": "pan",
                    "identifier_number": "NOTPA0002A",

```

```

        "entity_sub_state": "holder"
    }
],
"guardian": {
    "first_name": "radha",
    "middle_name": "divesh",
    "last_name": "shirsath",
    "dob": "01-Jun-2000",
    "identifier": [
        {
            "identifier_type": "pan",
            "identifier_number": "GFHPH7654R",
            "entity_sub_state": "holder"
        }
    ]
}
},
"is_pan_verified": true
},
{
    "holder_rank": "2",
    "occ_code": "02",
    "auth_mode": "M",
    "is_pan_exempt": false,
    "pan_exempt_category": "",
    "identifier": [
        {
            "identifier_type": "pan",
            "identifier_number": "NOTPA0006A",
            "entity_sub_state": "HOLDER",
            "is_active": true
        }
    ],
    "kyc_type": "C",
    "ckyc_number": "12341876543242",
    "person": {
        "first_name": "sam",
        "middle_name": "ram",
        "last_name": "shirsath",
        "dob": "01-Jan-2000",
        "gender": "M"
    },
    "contact": [
        {

```

```

        "contact_number": "9912345678",
        "whose_contact_number": "SE",
        "email_address": "vaibhavborse2001@gmail.com",
        "whose_email_address": "SE",
        "contact_type": "PR",
        "is_foreign": false
    }
],
"is_pan_verified": true
}
],
"comm_addr": {
    "address_line_1": "Flat No. 102, ABC Apartments",
    "address_line_2": "Gangapur Road",
    "address_line_3": "Nashik, Maharashtra 422005",
    "postalcode": "400010"
},
"foreign_addr": {
    "address_line_1": "",
    "city": "",
    "state": "",
    "country": "",
    "postalcode": ""
},
"depository": [
{
    "depository_code": "CDSL",
    "dp_id": "12345678",
    "client_id": "87654321",
    "bank_account": "6986598569865",
    "account_owner": "SELF",
    "identifier": [
{
        "identifier_type": "cml_copy",
        "entity_sub_state": "DEPOSITORY",
        "file_name": "ucc_20241206_103658_1cml_copy.png",
        "file_blob": "ucc_20241206_103658_1cml_copy.png",
        "file_size": 1024,
        "is_active": true
}
]
},
{
    "depository_code": "CDSL",
    "dp_id": "87654321",

```

```

    "client_id": "12345678",
    "bank_account": "6986598569865",
    "account_owner": "SELF",
    "identifier": [
        {
            "identifier_type": "cml_copy",
            "entity_sub_state": "DEPOSITORY",
            "file_name": "ucc_20241206_103658_2cml_copy.png",
            "file_blob": "ucc_20241206_103658_2cml_copy.png",
            "file_size": 1024,
            "is_active": true
        }
    ]
},
{
    "depository_code": "NSDL",
    "dp_id": "IN123456",
    "client_id": "87654321",
    "cmbp_id": "IN890000",
    "bank_account": "6986598569865",
    "account_owner": "SELF",
    "identifier": [
        {
            "identifier_type": "cml_copy",
            "entity_sub_state": "DEPOSITORY",
            "file_name": "ucc_20241206_103658_3cml_copy.png",
            "file_blob": "ucc_20241206_103658_3cml_copy.png",
            "file_size": 1024,
            "is_active": true
        }
    ]
},
{
    "depository_code": "NSDL",
    "dp_id": "IN876543",
    "client_id": "12345678",
    "cmbp_id": "IN990000",
    "bank_account": "6986598569865",
    "account_owner": "SELF",
    "identifier": [
        {
            "identifier_type": "cml_copy",
            "entity_sub_state": "DEPOSITORY",
            "file_name": "ucc_20241206_103658_4cml_copy.png",
            "file_blob": "ucc_20241206_103658_4cml_copy.png",
            "file_size": 1024,
            "is_active": true
        }
    ]
}

```

```

        "file_size": 1024,
        "is_active": true
    }
]
}
],
"bank_account": [
{
    "ifsc_code": "UTIB0000004",
    "bank_acc_num": "6986598569865",
    "bank_acc_type": "SB",
    "account_owner": "SELF",
    "identifier": [
        {
            "identifier_type": "bank_statement",
            "entity_sub_state": "BANK",
            "file_name":
"ucc_20241206_103658_1bank_statement.png",
            "file_blob":
"ucc_20241206_103658_1bank_statement.png",
            "file_size": 1024,
            "is_active": true
        }
    ]
}
],
"fatca": [
{
    "client_name": "jhon doe",
    "tax_status": "NRE",
    "investor_type": "Individual",
    "place_of_birth": "New York City",
    "country_of_birth": "America",
    "dob": "2000-01-01",
    "address_type": "1",
    "occ_code": "01",
    "occ_type": "B",
    "data_source": "P",
    "wealth_source": "1",
    "income_slab": "31",
    "politically_exposed": "Y",
    "is_self_declared": true,
    "father_name": "Michael Johnson",
    "spouse_name": "Emily Johnson",
    "exemption_code": "A",
}
]
```

```

    "identifier": {
        "identifier_type": "pan",
        "identifier_number": "NOTPA0006A",
        "entity_sub_state": "holder"
    },
    "corporate_service_sector": "1",
    "net_worth": 125000,
    "date_of_net_worth": "2019-06-20",
    "tax_residency": [
        {
            "country": "India",
            "tax_id_no": "1234567890",
            "tax_id_type": "A"
        },
        {
            "country": "Canada",
            "tax_id_no": "987654321",
            "tax_id_type": "B"
        }
    ],
    "ubo": {},
    "npo": {}
},
{
    "client_name": "Sarvottam",
    "tax_status": "Individual",
    "investor_type": "Individual",
    "place_of_birth": "SSN",
    "country_of_birth": "India",
    "dob": "2000-01-01",
    "address_type": "1",
    "occ_code": "01",
    "occ_type": "B",
    "data_source": "P",
    "wealth_source": "1",
    "income_slab": "31",
    "politically_exposed": "Y",
    "is_self_declared": true,
    "father_name": "Michael Johnson",
    "spouse_name": "Emily Johnson",
    "exemption_code": "A",
    "identifier": {
        "identifier_type": "pan",
        "identifier_number": "NOTPA0008A",
        "entity_sub_state": "holder"
    }
}

```

```

        },
        "corporate_service_sector": "1",
        "net_worth": 125000,
        "date_of_net_worth": "2020-06-20",
        "tax_residency": [
            {
                "country": "INDIA",
                "tax_id_no": "123-45-6789",
                "tax_id_type": "A"
            },
            {
                "country": "INDIA",
                "tax_id_no": "987654321",
                "tax_id_type": "A"
            }
        ],
        "ubo": {},
        "npo": {}
    }
],
"identifiers": null
}
],
"status_count_summary": [
{
    "status": "ACTIVE",
    "status_count": 1
},
{
    "status": "DRAFT",
    "status_count": 4
},
{
    "status": "PENDING_APPROVAL",
    "status_count": 36
},
{
    "status": "PENDING_VERIFICATION",
    "status_count": 9
},
{
    "status": "REJECTED",
    "status_count": 30675
}
]

```

```

        },
        "messages": null
    }
}
```

8.1.4 get_ucc

Endpoint: /v2/get_ucc

8.1.4.1 Request

```
{
    "data": {
        "investor": {
            "client_code": "34099321001"
        }
    }
}
```

8.1.4.2 Response

```
{
    "status": "success",
    "data": {
        "member_code": {
            "member_id": "0103"
        },
        "investor": {
            "client_code": "34099321001"
        },
        "holding_nature": "SI",
        "tax_status": "NRI Child",
        "tax_code": "26",
        "rdmp_idcw_pay_mode": "01",
        "is_client_physical": true,
        "is_client_demat": false,
        "is_nomination_opted": false,
        "nomination_auth_mode": "O",
        "comm_mode": "P",
        "onboarding": "Z",
        "holder": [
            {
                "holder_rank": "-1",
                "occ_code": "03",
                "auth_mode": "M",
                "is_pan_exempt": false,

```

```

"pan_exempt_category": "",
"is_pan_verified": true,
"identifier": [
  {
    "identifier_type": "pan",
    "identifier_number": "ASWPG1434G",
    "is_active": true
  }
],
"kyc_type": "C",
"ckyc_number": "12341876543232",
"person": {
  "first_name": "gangadhar",
  "middle_name": "ramesh",
  "last_name": "shirsath",
  "dob": "12-Jan-1960",
  "gender": "F"
},
"contact": [
  {
    "contact_number": "9912348958",
    "whose_contact_number": "SE",
    "email_address": "santhosh@tantiv4.com",
    "whose_email_address": "SE",
    "contact_type": "PR",
    "is_foreign": false
  }
]
},
{
  "holder_rank": "1",
  "occ_code": "02",
  "auth_mode": "M",
  "is_pan_exempt": false,
  "pan_exempt_category": "",
  "is_pan_verified": true,
  "identifier": [
    {
      "identifier_type": "pan",
      "identifier_number": "ASWPG1334G",
      "is_active": true
    }
  ],
  "kyc_type": "C",
  "ckyc_number": "12341876543242",

```

```

    "person": {
        "first_name": "vaibhav",
        "middle_name": "rajan",
        "last_name": "shirsath",
        "dob": "01-Jan-2020",
        "gender": "M"
    },
    "contact": [
        {
            "contact_number": "9912345678",
            "whose_contact_number": "SE",
            "email_address": "rubrobin2001@gmail.com",
            "whose_email_address": "SE",
            "contact_type": "PR",
            "is_foreign": false
        }
    ]
},
"comm_addr": {
    "address_line_1": "Flat No. 504, ABC Apartments",
    "address_line_2": "Gangapur Road",
    "address_line_3": "Nashik, Maharashtra 422005",
    "postalcode": "400010"
},
"foreign_addr": {
    "address_line_1": "123 Main Street",
    "address_line_2": "Apt 101 njjjbbhjbhhbj",
    "address_line_3": "Houston, Texas 77002",
    "city": "Houston",
    "state": "Texas",
    "country": "United States of America",
    "postalcode": "77002"
},
"bank_account": [
    {
        "ifsc_code": "HDFC0009375",
        "bank_acc_num": "6986598569865",
        "bank_acc_type": "NE",
        "account_owner": "SELF",
        "identifier": [
            {
                "identifier_type": "bank_statement",
                "identifier_number": "",
                "file_name": "ucc_20241209_062049_1bank_statement.png",
            }
        ]
    }
]
}

```

```

        "file_size": 1024,
        "file_blob": "ucc_20241209_062049_1bank_statement.png",
        "is_active": true
    }
],
"is_verified": true
},
{
    "ifsc_code": "KKBK0002006",
    "bank_acc_num": "kk6986598569889",
    "bank_acc_type": "NE",
    "account_owner": "SELF"
}
],
"fatca": [
{
    "client_name": "gangadhar",
    "tax_status": "NRI Child",
    "investor_type": "Individual",
    "place_of_birth": "New York City",
    "country_of_birth": "USA",
    "dob": "12-Jan-1960",
    "address_type": "2",
    "occ_code": "01",
    "occ_type": "B",
    "data_source": "P",
    "wealth_source": "1",
    "income_slab": "31",
    "politically_exposed": "Y",
    "is_self_declared": true,
    "father_name": "dinesh shewale",
    "spouse_name": "sangita",
    "exemption_code": "A",
    "identifier": {
        "identifier_type": "pan",
        "identifier_number": "ASWPG1434G"
    },
    "corporate_service_sector": "1",
    "net_worth": 125000,
    "date_of_net_worth": "20-Jun-2019",
    "tax_residency": [
    {
        "country": "IND",
        "tax_id_no": "1234567890",
        "tax_id_type": "A"
    }
]
}
]
```

```

        },
        {
            "country": "CAN",
            "tax_id_no": "987654321",
            "tax_id_type": "B"
        }
    ],
    "ubo": {},
    "npo": {}
},
{
    "client_name": "vaibhav",
    "tax_status": "NRI Child",
    "investor_type": "Individual",
    "place_of_birth": "New York City",
    "country_of_birth": "USA",
    "dob": "01-Jan-2020",
    "address_type": "2",
    "occ_code": "01",
    "occ_type": "B",
    "data_source": "P",
    "log_name": "",
    "wealth_source": "1",
    "income_slab": "31",
    "politically_exposed": "Y",
    "is_self_declared": true,
    "father_name": "Michael Johnson",
    "spouse_name": "Emily Johnson",
    "exemption_code": "A",
    "identifier": {
        "identifier_type": "pan",
        "identifier_number": "ASWPG1334G"
    },
    "corporate_service_sector": "1",
    "net_worth": 125000,
    "date_of_net_worth": "20-Jun-2022",
    "tax_residency": [
        {
            "country": "IND",
            "tax_id_no": "1234567890",
            "tax_id_type": "A"
        },
        {
            "country": "CAN",
            "tax_id_no": "987654321",

```

```

        "tax_id_type": "B"
    }
],
"ubo": {},
"npo": {}
}
],
"identifiers": [
{
"identifier_type": "",
"identifier_number": ""
}
],
"ucc_status_obj": [
{
"client_code": "34099321001",
"holders": [
{
"holder_rank": "-1",
"holder_pan": "ASWPG1434G",
"pan_verification": {
"verified_status": "TRUE",
"verification_failed_reason": "",
"verified_at": "2024-12-09 06:56:05"
},
"fatca_status": [
{
"rta_type": "CAMS",
"verified_status": "1",
"verification_failed_reason": "",
"verified_at": ""
},
{
"rta_type": "KFIN",
"verified_status": "1",
"verification_failed_reason": "",
"verified_at": ""
}
]
},
"elog": {
"ip": "",
"status": "",
"accepted_at": "",
"rta_verification": null
}
},

```

```

    "nominee_2fa": {
        "verified_status": "true",
        "verification_failed_reason": "",
        "verified_at": "2024-12-09 06:56:05"
    },
    "kyc_status": {
        "kyc_type": "C",
        "verified_status": "TRUE",
        "verification_failed_reason": "",
        "verified_at": "2024-12-09 06:56:05"
    },
    "aof": null,
    "aof_ria": null
},
{
    "holder_rank": "1",
    "holder_pan": "ASWPG1334G",
    "pan_verification": {
        "verified_status": "TRUE",
        "verification_failed_reason": "",
        "verified_at": "2024-12-09 06:56:05"
    },
    "fatca_status": [
        {
            "rta_type": "CAMS",
            "verified_status": "1",
            "verification_failed_reason": "",
            "verified_at": ""
        },
        {
            "rta_type": "KFIN",
            "verified_status": "1",
            "verification_failed_reason": "",
            "verified_at": ""
        }
    ],
    "elog": {
        "ip": "",
        "status": "",
        "accepted_at": "",
        "rta_verification": null
    },
    "nominee_2fa": {
        "verified_status": "true",
        "verification_failed_reason": ""
    }
}

```

```

        "verified_at": "2024-12-09 06:56:05"
    },
    "kyc_status": {
        "kyc_type": "C",
        "verified_status": "TRUE",
        "verification_failed_reason": "",
        "verified_at": "2024-12-09 06:56:05"
    },
    "aof": null,
    "aof_ria": null
}
],
"bank_account": [
{
    "bank_acc_num": "6986598569865",
    "ifsc_code": "HDFC0009375",
    "verified_status": "TRUE",
    "verification_failed_reason": "",
    "verified_at": "2024-12-09 06:20:51"
},
{
    "bank_acc_num": "kk6986598569889",
    "ifsc_code": "KKBK0002006",
    "verified_status": "",
    "verification_failed_reason": "",
    "verified_at": ""
}
],
"depository": null
}
]
},
"messages": null
}

```

8.2 Order

8.2.1 order_new

Endpoint: url- /s2/order_new

8.2.1.1 Request

```
{

```

```

"data": {
    "orders": [
        {
            "type": "p",
            "mem_ord_ref_id": "123456781",
            "investor": {
                "ucc": "66180440205"
            },
            "member": "0103",
            "mem_details": {
                "euin": "E123456",
                "euin_flag": true,
                "sub_br_code": "IN123456",
                "sub_br_arn": "ARN-123456",
                "partner_id": "partner id"
            },
            "scheme": "BS131Y-GR",
            "amount": 6000,
            "cur": "INR",
            "is_units": false,
            "all_units": false,
            "min_redeem_flag": false,
            "folio": "",
            "is_fresh": true,
            "phys_or_demat": "P",
            "src": "lumpsum",
            "holder": [
                {
                    "holder_rank": "1",
                    "email": "vaibhavborse2001@gmail.com",
                    "mobnum": "9912345678",
                    "is_nomination_opted": true,
                    "nomination_auth_mode": "W"
                }
            ],
            "email": "shivam02ahirrao@gmail.com",
            "mobnum": "+919001122333",
            "kyc_passed": true,
            "depository_acct": {
                "depository": "N",
                "dp_id": "IN464548",
                "client_id": "78545698"
            },
            "bank_acct": {
                "ifsc": "ICIC0000001",

```

```

        "no": "238401001200",
        "type": "CB",
        "name": "HDFC BANK"
    },
    "dpc": true
}

]
}
}

```

8.2.1.2 Response

```
{
  "status": "success",
  "data": {
    "items": [
      {
        "mem_ord_ref_id": "123456781",
        "id": 5000000231,
        "status": "success"
      }
    ],
    "messages": []
  }
}
```

8.2.2 order_update

Endpoint: /s2/order_update

8.2.2.1 Request

```
{
  "data": {
    "id": 5000004168,
    "mem_ord_ref_id": "12456593459",
    "type": "p",
    "scheme": "RRSONU-GR",
    "amount": 10000,
    "cur": "INR",
  }
}
```

```

    "is_units": false,
    "all_units": false,
    "folio": "75766665",
    "phys_or_demat": "P",
    "src": "lumpsum",
    "reg_no": "",
    "mem_details": {
        "euin": "",
        "euin_flag": false,
        "sub_br_code": "",
        "sub_br_arn": "",
        "partner_id": ""
    },
    "holder": [
        {
            "holder_rank": "1",
            "email": "shivam02ahirrao@gmail.com",
            "mobnum": "9856321470",
            "is_nomination_opted": false,
            "nomination_auth_mode": "O"
        }
    ],
    "email": "shivam02ahirrao@gmail.com",
    "mobnum": "+919856321470",
    "kyc_passed": true,
    "depository_acct": {
        "depository": "N",
        "dp_id": "IN464548",
        "client_id": "78545698"
    },
    "bank_acct": {
        "ifsc": "ABHY0065002",
        "no": "980000000000",
        "type": "savings",
        "name": "some other name"
    },
    "dpc": true,
    "remark": "reason for update"
}
}

```

8.2.2.2 Response

```
{  
    "status": "success",  
    "data": {  
        "success_id": [  
            5000000232  
        ],  
        "investor": {}  
    },  
    "messages": []  
}
```

8.2.3 order_cancel

Endpoint: /s2/order_cancel

8.2.3.1 Request

```
{  
    "data": {  
        "id": 5000004164,  
        "investor": {  
            "ucc": "Test3012",  
            "ucc_id": 0,  
            "pan_holders": [],  
            "holding_nature": ""  
        },  
        "remark": "reason for cancel"  
    }  
}
```

8.2.3.2 Response

```
{  
    "status": "success",  
    "data": {  
        "success_id": [  
            5000000232  
        ],  
        "investor": {  
            "ucc": "66180440205"  
        }  
    },  
    "messages": []  
}
```

```
        "messages": []  
    }  
}
```

8.2.4 order_list

Endpoint: /s2/order_list

8.2.4.1 Request

{

```
"data": {  
    "fields": [  
        "ALL"  
    ],  
    "start": 0,  
    "length": 1,  
    "filter_param": {  
        "open_close": "o",  
        "placed_at_after": "2024-01-06",  
        "placed_at_before": "2025-11-06"  
    }  
}
```

8.2.4.2 Response

```
"lists": [
```

```
"id": 5000004356,  
  
"exch_order_id": "",  
  
"type": "p",  
  
"mem_ord_ref_id": "1234567895",  
  
"investor": {  
  
    "ucc": "CLNT10083"  
  
},  
  
"status": "match_pending",  
  
"member": "0103",  
  
"member_name": "Icici Securities Limited",  
  
"scheme": "RRSONU-GR",  
  
"src_scheme_name": "REMIGES002-REGULAR-GROWTH",  
  
"amount": 6100,  
  
"cur": "INR",  
  
"is_units": false,  
  
"all_units": false,  
  
"is_fresh": true,  
  
"folio_num": "",  
  
"phys_or_demat": "p",  
  
"info": {  
  
    "min_redeem_flag": false,  
  
    "src": "lumpsum",  
  
    "reg_no": "",  
  
    "mem_details": {  
  
        "broker_arn": "",  
  
    }  
}
```

```

        "euin_flag": true,
        "euin": "E123456",
        "sub_br_code": "IN123456",
        "sub_br_arn": "ARN-123456",
        "partner_id": "partner id",
        "mem_type": "MFI"
    },
    "mem_2fa": "n",
    "mem_2fa_action_at": "",
    "mem_paymt": "",
    "order_src_info": {
        "src_isin": "IN1111111111",
        "src_sch_rta_code": "SONU",
        "src_sch_opt": "",
        "sip_rgdt": "",
        "sip_fq": "",
        "sip_st_dt": "",
        "sip_end_dt": "",
        "src_allowed_inst": 0,
        "cur_inst_no": 1,
        "is_new_order": true
    },
    "email": "shivam02ahirrao@gmail.com",
    "mobnum": "9001122333",

```

```
"placed_at": "2025-01-25T05:50:17Z",
"exch_mandate_id": 0,
"kyc_passed": true,
"tracker_id": "",
"depository_acct": {
    "depository": "N",
    "dp_id": "IN464548",
    "client_id": "78545698"
},
"bank_acct": {
    "ifsc": "ABHY0065002",
    "no": "980000000000",
    "type": "CB",
    "name": "ABHYUDAYA COOPERATIVE BANK LIMITED",
    "branch_name": "",
    "bank_city": ""
},
"dpc": true,
"remarks": "",
"dest_scheme": "",
"dest_scheme_name": "",
"payment_ref_id": "",
"matched_pa": null,
"pa_matched_at": "",
"matched_bank_rcpt": null,
```

```

"bank_matched_at": "",

"full_matched_at": "",

"rejection_reason": {

    "by": "",

    "reason": ""

},

"rta_resp_at": "",

"rta_resp": null,

"dp_resp": null,

"refund_details": null,

"manually_updated_at": "",

"manually_updated_by": "",

"threshold_isapproved": false,

"threshold_app_rej_by": "",

"threshold_app_rej_at": "",

"expires_at": "",

"order_added_at": "",

"history": [

    {

        "event_status": "received",

        "msg": "Order received",

        "when": "2025-01-25T05:50:17.824221533Z",

        "user": "member/0103/isec.maker"

    },


    {

```

```

        "event_status": "order_update",
        "msg": "order update request",
        "when": "2025-01-25T05:52:48.902134316Z",
        "user": "member/0103/isec.maker"
    }
],
"matched_bank_rcpt_id": 0,
"matched_pa_ids": 0,
"dest_folio": "",
"nomination": [
{
    "first_name": "vaibhav",
    "middle_name": "saurab",
    "last_name": "shirshath",
    "dob": "01-Jan-2020",
    "nomination_relation": "18",
    "is_minor": true,
    "nomination_percent": 50,
    "is_pan_exempt": true,
    "pan_exempt_category": "03",
    "identifier": [
{
        "identifier_type": "pan_exempt_ref_no",
        "identifier_number": "AS12346789"
    }
]
}
]
}

```

```

] ,
"guardian": {
    "first_name": "saurabh",
    "middle_name": "ramesh",
    "last_name": "shirsath",
    "dob": "01-Jan-2000",
    "identifier": [
        {
            "identifier_type": "pan",
            "identifier_number": "ASWHG2252G"
        }
    ],
    "pan_exempt_category": ""
},
},
{
    "first_name": "lokesh",
    "middle_name": "saurab",
    "last_name": "shirsath",
    "dob": "20-Jan-2021",
    "nomination_relation": "18",
    "is_minor": true,
    "nomination_percent": 10,
    "is_pan_exempt": true,
    "pan_exempt_category": "01",
}
]

```

```

    "identifier": [
        {
            "identifier_type": "pan_exempt_ref_no",
            "identifier_number": "AS98765443"
        }
    ],
    "guardian": {
        "first_name": "saurabh",
        "middle_name": "ramesh",
        "last_name": "shirsath",
        "dob": "01-Jan-1995",
        "pan_exempt_category": ""
    }
},
{
    "first_name": "savita",
    "middle_name": "saurabh",
    "last_name": "shirsath",
    "dob": "01-Jan-2000",
    "nomination_relation": "21",
    "is_minor": false,
    "nomination_percent": 40,
    "pan_exempt_category": "",
    "identifier": [
        {

```

```

        "identifier_type": "pan",
        "identifier_number": "ASWPG2252G"
    }
],
{
    "guardian": {
        "pan_exempt_category": ""
    }
},
{
    "holder": [
        {
            "holder_rank": "1",
            "email": "shivam02ahirrao@gmail.com",
            "mobnum": "9001122449",
            "is_nomination_opted": true,
            "nomination_auth_mode": "O"
        }
    ],
    "settlement_no": "2425258",
    "rta_txn_no": "",
    "rta_remark": null,
    "reg_no": "",
    "payment_aggr_code": "",
    "settlement_date": "2025-01-25 05:50:17.824227 +0000 UTC",
    "settlement_type": ""
}
]

```

```

        "pg_ref_no": "",

        "fund_receipt_date": "2025-01-25 05:50:17.824227 +0000 UTC",

        "allotment_details": null,
        "redempt_details": null
    },
],

```

8.2.5 order_get

Endpoint: /s2/order_get

8.2.5.1 Request

```
{
  "data": {
    "id": 5000000026,
    "filter_param": {
      "open_close": "o"
    }
  }
}
```

8.2.5.2 Response

```
{
  "status": "success",
  "data": {
    "id": 5000000026,
    "exch_order_id": "",
    "type": "p",
    "mem_ord_ref_id": "",
    "investor": {
      "ucc": "66004366022305"
    },
  }
},
```

```

    "status": "match_pending",
    "member": "0103",
    "scheme": "BS131Y-GR",
    "amount": 80000,
    "cur": "INR",
    "is_units": false,
    "all_units": false,
    "is_fresh": true,
    "folio_num": "",
    "phys_or_demat": "p",
    "info": {
        "min_redeem_flag": true,
        "src": "lumpsum",
        "reg_no": "",
        "mem_details": {
            "broker_arn": "",
            "euin_flag": false,
            "sub_br_code": "",
            "sub_br_arn": "",
            "partner_id": "",
            "mem_type": "MFI"
        }
    },
    "mem_2fa": "n",
    "mem_2fa_action_at": "",
    "mem_paymt": "",
    "order_src_info": {
        "src_isin": "INF209KC1258",
        "src_sch_rta_code": "131Y",
        "src_sch_opt": "",
        "sip_rgdt": "",
        "sip_fq": "",
        "sip_st_dt": "",
        "sip_end_dt": "",
        "src_allowed_inst": 0,
        "cur_inst_no": 15
    },
    "email": "vaibhavborse2001@gmail.com",
    "mobnum": "+919912345678",
    "placed_at": "2025-01-09T12:58:28Z",
    "exch_mandate_id": 0,
    "kyc_passed": true,
    "tracker_id": "",
    "depository_acct": {
        "depository": "C",

```

```

        "dp_id": "99301549",
        "client_id": "64261065"
    },
    "bank_acct": {
        "ifsc": "",
        "no": "",
        "type": "",
        "name": "",
        "branch_name": "",
        "bank_city": ""
    },
    "dpc": false,
    "remarks": "",
    "dest_scheme": "",
    "payment_ref_id": "",
    "matched_pa": null,
    "pa_matched_at": "",
    "matched_bank_rcpt": null,
    "bank_matched_at": "",
    "full_matched_at": "",
    "rejection_reason": {
        "by": "",
        "reason": ""
    },
    "rta_resp_at": "",
    "rta_resp": null,
    "dp_resp": null,
    "refund_details": null,
    "manually_updated_at": "",
    "manually_updated_by": "",
    "threshold_isapproved": false,
    "threshold_app_rej_by": "",
    "threshold_app_rej_at": "",
    "expires_at": "",
    "order_added_at": "",
    "history": [
        {
            "event_status": "received",
            "msg": "Order received",
            "when": "2025-01-09T12:58:28.049911735Z",
            "user": "member/0103/isec.maker"
        }
    ],
    "matched_bank_rcpt_id": 0,
    "matched_pa_ids": 0
}

```

```

"dest_folio": "",  

"expiresat": "",  

"nomination": [  

    {  

        "first_name": "Anjali",  

        "middle_name": "divesh",  

        "last_name": "shirsath",  

        "dob": "23-Jan-2020",  

        "nomination_relation": "3",  

        "is_minor": true,  

        "nomination_percent": 100,  

        "pan_exempt_category": "",  

        "identifier": [  

            {  

                "identifier_type": "pan",  

                "identifier_number": "NOTPA0002A"  

            }  

        ],  

        "guardian": {  

            "first_name": "radha",  

            "middle_name": "divesh",  

            "last_name": "shirsath",  

            "dob": "01-Jun-2000",  

            "identifier": [  

                {  

                    "identifier_type": "pan",  

                    "identifier_number": "GFPH7654R"  

                }  

            ],  

            "pan_exempt_category": ""  

        }  

    }  

],  

"holder": [  

    {  

        "holder_rank": "1",  

        "email": "vaibhavborse2001@gmail.com",  

        "mobnum": "9912345678",  

        "is_nomination_opted": true,  

        "nomination_auth_mode": "O"  

    }  

],  

"settlement_no": "2425244",  

"rta_txn_no": "",  

"rta_remark": null,

```

```

    "reg_no": "",
    "payment_aggr_code": "",
    "settlement_date": "2025-01-09 12:58:28.049915 +0000 UTC",
    "settlement_type": "",
    "pg_ref_no": "",
    "fund_receipt_date": "2025-01-09 12:58:28.049915 +0000 UTC",
    "allotment_details": null,
    "redempt_details": null
  },
  "messages": null
}

```

8.3 SxP

8.3.1 xp_register

Endpoint: /s4/xp_register

8.3.1.1 Request

```
{
  "data": {
    "xp_type": "sip",
    "mem_xp_ref_id": "123456781",
    "investor": {
      "ucc": "66180440205"
    },
    "member": "0103",
    "src_scheme": "BS131Y-GR",
    "kyc_passed": true,
    "dest_scheme": "",
    "amc_code": "",
    "exch_mandate_id": 0,
    "amount": 5000,
    "cur": "INR",
    "src_folio": "123423/12",
    "dest_folio": "",
    "phys_or_demat": "P",
    "isunits": false,
    "dpc": false,
    "start_date": "2025-02-09",
    "end_date": "2030-12-31",
  }
}
```

```

    "freq": "m",
    "txn_date": 9,
    "payment_ref_id": "",
    "mem_details": {
        "euin": "E345671",
        "euin_flag": true,
        "sub_br_code": "IN456789",
        "sub_br_arn": "ARN-435674",
        "partner_id": ""
    },
    "info": {},
    "holder": [
        {
            "holder_rank": "1",
            "email": "vaibhavborse2001@gmail.com",
            "mobnum": "9912345678",
            "is_nomination_opted": true,
            "nomination_auth_mode": "W"
        }
    ],
    "depository_acct": {
        "depository": "",
        "dp_id": "",
        "client_id": ""
    },
    "bank_acct": {
        "ifsc": "HDFC0000644",
        "no": "5020000000000000",
        "type": "CB",
        "name": "HDFC BANK"
    },
    "remark": "",
    "email": "rajesh@offline.com",
    "mobnum": "+919828288288",
    "first_order_today": false,
    "brokerage": 2.5,
    "ninstallments": 3,
    "special_product": {
        "special_prod_type": "",
        "special_prod_name": "",
        "target_scheme": "",
        "target_amt": 0,
        "goal_type": "",
        "goal_amt": 0,
        "sip_tenure": 0
    }
}

```

```
        }
    }
}
```

8.3.1.2 Response

```
{
  "status": "success",
  "data": {
    "id": "52fedcad-1f85-41c1-b60e-b5143681ba46"
  },
  "messages": []
}
```

8.3.2 sxp_cancel

Endpoint:

8.3.2.1 Request

```
{
  "data": {
    "reg_no": "c49c7035-12cd-422c-b61c-1cbfa61914fc",
    "reason_cd": 6,
    "reason_cd_msg": "",
    "type": "SIP"
  }
}
```

8.3.2.2 Response

```
{
  "status": "success",
  "data": {
    "id": "4"
  },
  "messages": []
}
```

```
}
```

8.3.3 sxp_topup

Endpoint: /s4/sxp_topup

8.3.3.1 Request

```
{
```

```
    "data": {  
        "reg_num": "f15d48ea-1dad-4434-85be-e427061819ba",  
        "mem_sxp_ref_id": "5465-5465-54-5446",  
        "amount": 1000,  
        "cur": "INR",  
        "start_date": "2023-03-16",  
        "end_date": null,  
        "freq": "w",  
        "txn_date": 1,  
        "payment_ref_id": "",  
        "remark": "any comment",  
        "first_order_today": true,  
        "email": "rupesh@gmail.com",  
        "mobnum": "+919985478565"  
    }  
}
```

8.3.3.2 Response

```
{
```

```
    "status": "success",  
    "data": {  
        "id": "1"  
    },  
    "messages": []  
}
```

8.3.4 sxp_set_pause

Endpoint:

8.3.4.1 Request

```
{  
    "data": {  
        "reg_no": "93fc15cc-ee8e-4e3c-ae17-bb29e69e6f60",  
        "ninstallments": 51,  
        "paused_from": "2025-05-09"  
    }  
}
```

8.3.4.2 Response

8.3.5 sxp_resume

Endpoint:

8.3.5.1 Request

```
{  
    "data": {  
        "reg_no": "93fc15cc-ee8e-4e3c-ae17-bb29e69e6f60",  
        "resume_reason": "The sxp has been resume"  
    }  
}
```

8.3.5.2 Response

```
{  
    "status": "success",  
    "data": {  
        "id": "25"  
    },  
    "messages": []  
}
```

8.3.6 sxp_list

Endpoint: /s4/sxp_list

8.3.6.1 Request

```
{  
    "data": {  
        "start": 0,  
        "length": 2,  
    }  
}
```

```

    "fields": [
        "ALL"
    ],
    "count_only": false,
    "format": "json",
    "sort_by": "",
    "sort_dir": "",
    "is_compressed": true,
    "search": {
        "value": ""
    },
    "filter_param": {
        "sxp_type": null,
        "status": null,
        "phys_or_demat": null,
        "start_date": "",
        "end_date": "",
        "ucc": "",
        "member": "",
        "is_topup": false,
        "reg_at_after": "",
        "reg_at_before": "",
        "next_due_date_at_after": "",
        "next_due_date_at_before": ""
    }
}
}
}

```

8.3.6.2 Response

```

{
    "status": "success",
    "data": {
        "lists": [
            {
                "id": 134,
                "reg_no": "653409d3-ffc3-4405-b6f0-9fd6a63e4291",
                "sxp_type": "xxx",
                "ucc": "xxx",
                "src_scheme": "xxx",
                "dest_scheme": "",
                "exch_mandate_id": 0,
                "amount": 5000,
                "cur": "INR",
                "isunits": false,

```

```

    "all_units": false,
    "depository_acct": {
        "depository": "",
        "dp_id": "",
        "client_id": ""
    },
    "member": "xxx",
    "member_name": "xxx",
    "src_folio": "",
    "dest_folio": "",
    "dpc": false,
    "phys_or_demat": "xxx",
    "start_date": "2025-01-15",
    "end_date": "2025-01-31",
    "freq": "d",
    "txn_date": 15,
    "payment_ref_id": "",
    "bank_acct": null,
    "ninstallments": 0,
    "status": "active",
    "next_due_date": null,
    "previous_paid_date": "",
    "n_installment_paid": 0,
    "total_amt_paid": 0
},
{
    "id": 133,
    "reg_no": "xxx",
    "sex_type": "xxx",
    "ucc": "xxx",
    "src_scheme": "xxx",
    "dest_scheme": "",
    "exch_mandate_id": 0,
    "amount": 3234,
    "cur": "INR",
    "isunits": false,
    "all_units": false,
    "depository_acct": {
        "depository": "",
        "dp_id": "",
        "client_id": ""
    },
    "member": "xxx",
    "member_name": "xxx",
    "src_folio": ""
}

```

```

        "dest_folio": "",
        "dpc": false,
        "phys_or_demat": "xxx",
        "start_date": "2025-01-23",
        "end_date": "2035-01-23",
        "freq": "y",
        "txn_date": 23,
        "payment_ref_id": "",
        "bank_acct": null,
        "ninstallments": 0,
        "status": "active",
        "next_due_date": null,
        "previous_paid_date": "",
        "n_installment_paid": 0,
        "total_amt_paid": 0
    }
],
"total_count": 65
},
"messages": []
}

```

8.3.7 xp_get

Endpoint: /s4/xp_get

8.3.7.1 Request

```
{
  "data": {
    "reg_no": "4c52d2f8-ad27-4306-88c6-13ea5ac72718",
    "type": "SIP"
  }
}
```

8.3.7.2 Response

```
{
  "status": "success",
  "data": {
    "xp": {
      "xp_type": "SIP",

```

```

"mem_sxp_ref_id": null,
"referenced_from": null,
"ucc": "xxx",
"member": "xxx",
"src_scheme": "xxx",
"dest_scheme": "",
"amc_code": "xxx",
"exch_mandate_id": 0,
"amount": 3234,
"cur": "INR",
"src_folio": "",
"dest_folio": "",
"phys_or_demat": "xx",
"is_units": false,
"dpc": false,
"start_date": "2025-01-23",
"end_date": "2035-01-23",
"freq": "y",
"txn_date": 23,
"info": {
    "mem_details": {
        "euin_flag": true,
        "mem_type": "xxx",
        "partner_id": "xxx",
        "sub_br_arn": "xxx",
        "sub_br_code": "xxx"
    }
},
"depository_acct": {
    "client_id": "",
    "depository": "",
    "dp_id": ""
},
"bank_acct": {
    "ifsc": "",
    "name": "",
    "no": "",
    "type": ""
},
"remark": "xxx",
"email": "xxx",
"mobnum": "xxx",
"ref_type": null,
"brokerage": 0,
"kyc_passed": false,

```

```

        "special_product": {
            "goal_amt": 0,
            "goal_type": "",
            "sip_tenure": 0,
            "special_prod_name": "",
            "special_prod_type": "",
            "target_amt": 0,
            "target_scheme": ""
        },
        "holder": null,
        "nomination": null,
        "next_due_date": null,
        "previous_paid_date": "",
        "n_installment_paid": 0,
        "total_amt_paid": 0
    },
    "sprod_sxp": null
},
"messages": []
}

```

8.3.8 xp_get_history

Endpoint: /s4/xp_get_history

8.3.8.1 Request

```

{
    "data": {
        "reg_no": "12312",
        "fields": [
            "ALL"
        ],
        "filter_param": {
            "no_of_txn": 1
        }
    }
}

```

8.3.8.2 Response

```

{
    "status": "success",
    "data": {
        "lists": [
            {
                "all_units": false,

```

```

        "amount": 1000,
        "cur": "...",
        "date": "...",
        "dest_folio": "...",
        "dest_scheme": "...",
        "folio": "...",
        "history": [
            {
                "event_status": "...",
                "msg": "...",
                "when": "...",
                "user": "..."
            },
            {
                "event_status": "...",
                "msg": "...",
                "when": "...",
                "user": "..."
            }
        ],
        "id": 5000000172,
        "is_units": false,
        "mem_ord_ref_id": "...",
        "member": "...",
        "payment_ref_id": "...",
        "phys_or_demat": "...",
        "regst_no": "...",
        "src_scheme": "...",
        "status": "...",
        "txn_type": "...",
        "ucc": "..."
    }
]
},
"messages": null
}

```

8.4 NFT

8.4.1 Nominee Change

8.4.1.1 Request

```
{
    "data": {
```

```

"user_id": "1000001",
"member_code": "10000",
"password": "45s6",
"amc": "amc",
"rta": "kfin",
"member_id": "1212",
"client_code": "1212sa",
"entity_type": "UCC",
"ref_id": 123,
"nominee_change_info": [
    {
        "amc_code": "RMF",
        "user_code": "INA100009859",
        "folio_no": "495070943",
        "nct_type": "NCTCF02",
        "tax_number": "AAHPB9209R",
        "twofa_auth": "B",
        "email": "santhosh@tantiv4.com",
        "mobile_no": "1111111111",
        "j1_email": "santhosh+testing@tantiv4.com",
        "j1_mobile": "1111111111",
        "broke_cd": "INA100009859",
        "ria_code": "INA100009859",
        "nom_opt": "N",
        "nom1_name": "Shivam",
        "nom1_rela": "Father",
        "nom1_per": "50.0",
        "nom1_pan": "OHSPS1271J",
        "nom1_min_f": "Y",
        "nom1_dob": "2020-01-01",
        "nom1_guard": "Guardian One",
        "nom1_grela": "F",
        "nom1_gpan": "OHSPS1271J",
        "nom2_name": "Nominee Two",
        "nom2_rela": "Brother",
        "nom2_per": "20.0",
        "nom2_pan": "OHSPS1271J",
        "nom2_min_f": "N",
        "nom2_dob": "2000-01-02",
        "nom2_guard": "",
        "nom2_grela": "",
        "nom2_gpan": "",
        "nom3_name": "Nominee Three",
        "nom3_rela": "Sister",
        "nom3_per": "30.0",
    }
]

```

```

        "nom3_pan": "OHSPS1271J",
        "nom3_min_f": "Y",
        "nom3_dob": "2020-05-05",
        "nom3_guard": "Guardian Three",
        "nom3_grela": "M",
        "nom3_gpan": "OHSPS1271J"
    }
]
}
}

```

8.4.1.2 Response

```
{
    "request_id": "..."
}
```

8.4.2 Contact Change

8.4.2.1 Request

```
{
    "data": {
        "user_id": "1000001",
        "member_code": "10000",
        "password": "45s6",
        "amc": "amc",
        "rta": "kfin",
        "member_id": "1212",
        "client_code": "1212sa",
        "entity_type": "UCC",
        "ref_id": 123,
        "contact_info": [
            {
                "amc_code": "RMF",
                "user_code": "INA100009859",
                "folio_no": "495070943",
                "nct_type": "NCTCF03",
                "tax_number": "AAHPB9209R",
                "broke_cd": "INA100009859",
                "ria_code": "INA100009859",
                "twofa_auth": "B",
                "doc_type": "E",
                "nom_opt": "N",
                "email": "example@example.com",
                "mobile_no": "1234567890sss",
            }
        ]
    }
}
```

```

        "j1_email": "j1@example.com",
        "j1_mobile": "9876543210",
        "j2_email": "j2@example.com",
        "j2_mobile": "9876543211",
        "ph_ema_dec": "SE",
        "ph_mob_dec": "SP",
        "j1_ema_dec": "DC",
        "j1_mob_dec": "DS",
        "j2_ema_dec": "DP",
        "j2_mob_dec": "GD"
    }
],
"image": "...=="
}
}

```

8.4.2.2 Response

```
{
    "request_id": "..."
}
```

8.4.3 Bank Account Change

8.4.3.1 Request

```
{
    "data": {
        "user_id": "1000001",
        "member_code": "10000",
        "password": "45s6",
        "amc": "amc",
        "rta": "kfin",
        "member_id": "1212",
        "client_code": "1212sa",
        "entity_type": "UCC",
        "ref_id": 123,
        "bank_change_info": [
            {
                "amc_code": "RMF",
                "user_code": "INA100009859",
                "folio_no": "495070943",
                "user_txn_no": "20240930000041",
                "nct_type": "NCTCF04",
                "tax_number": "AAHPB9209R",
                "broke_cd": "INA100009859",
                "broke_dt": "2024-09-30T12:00:00Z"
            }
        ]
    }
}
```

```

        "ria_code": "INA100009859",
        "twofa_auth": "B",
        "nom_opt": "N",
        "doc_type": "E",
        "pb_act_no": "1234123123",
        "pb_hld_nam": "John Doe",
        "pb_ifsc_cd": "PKGB0010889",
        "pb_act_ty": "Savin",
        "pb_nam": "Canara",
        "pb_br_nam": "Mumbai",
        "ab1_act_no": "1234123123",
        "ab1_hld_na": "John Doe",
        "ab1_ifs_cd": "PKGB0010889",
        "ab1_act_ty": "Savin",
        "ab1_name": "Canara",
        "ab1_br_nam": "Mumbai",
        "ab2_act_no": "1234123123",
        "ab2_hld_na": "John Doe",
        "ab2_ifs_cd": "PKGB0010889",
        "ab2_act_ty": "Savin",
        "ab2_name": "Canara",
        "ab2_br_nam": "Mumbai",
        "ab3_act_no": "1234123123",
        "ab3_hld_na": "John Doe",
        "ab3_ifs_cd": "PKGB0010889",
        "ab3_act_ty": "Savi",
        "ab3_name": "Canara",
        "ab3_br_nam": "Mumbai",
        "ab4_act_no": "1234123123",
        "ab4_hld_na": "John Doe",
        "ab4_ifs_cd": "PKGB0010889",
        "ab4_act_ty": "Save",
        "ab4_name": "Canara",
        "ab4_br_nam": "Mumbai",
        "ab5_act_no": "1234123122",
        "ab5_hld_na": "John Doe",
        "ab5_ifs_cd": "PKGB0010889",
        "ab5_act_ty": "Save",
        "ab5_name": "Canara",
        "ab5_br_nam": "Mumbai"
    }
],
"image": "....=="
}

```

8.4.3.2 Response

```
{  
    "request_id": "..."  
}
```

8.5 PA MIS

8.5.1 upload_mis

8.5.1.1 Request

```
"data": [
  {
    "mis_type": "XSIP",
    "payment_ref_id": "DSFFJ",
    "agency_code": "abcd1234",
    "member": "14000",
    "investor": {
      "ucc": "8508394940",
      "holding_nature": "SI",
      "client_code": "8508394940"
    },
    "amount": 1,
    "credit_dt": "20240510",
    "credit_at": "15:30:34",
    "bank_txn_ref": "ABC13456",
    "src_bank_acc": {
      "ifsc": "ICIC0001556",
      "no": "155601509844",
      "type": "SB",
      "name": "some other name"
    },
    "dest_bank_acc": {
      "ifsc": "ICIC0001556",
      "no": "348702010085595",
      "type": "SB",
      "name": "some other name"
    },
    "exchorder_num": "12312312312",
    "paymt_mode": "NEFT",
    "custom_ref_num": "22331231123",
    "info": {
      "umrn": "cvsvd"
    }
  }
]
```

```

        "src": "sip",
        "reg_no": "REG12345",
        "mem_details": {
            "sub_br_code": "SUB001",
            "sub_br_arn": "ARN123456",
            "partner_id": "PART123456"
        }
    },
    "remark": "SomeRemarknothing",
    "status": "someStautsull"
}
]
}

```

8.5.1.2 Response

```
{
    "status": "success",
    "data": "Accepted",
    "messages": null
}
```

8.6 Mandate

8.6.1 mandate_register

8.6.1.1 Request

```
{
    "data": {
        "investor": {
            "ucc": "8kr4EBmr"
            // "pan_holders": [
            //     ""
            // ],
            // "holding_nature": "SI"
        },
        "member": "0103",
        "mem_details": {

```

```

        "euin": "",
        "euin_flag": true,
        "sub_br_code": "code",
        "sub_br_arn": "arn",
        "partner_id": "partner_id"
    },
    // "parent_client_code": "87654678",
    "investor_bank_details": {
        "ifsc": "UTIB0000145",
        "no": "6986598569865",
        "type": "SA",
        "name": "zdsd",
        "branch": "Ghansoli",
        "vpa": [
            "shivam02ahirrao@oksbi"
        ]
    },
    // "mem_mandate_info": {
        // "member_mandate_id": "MM123456789",
        // "mandate_status_date": "2024-02-12T10:30:00Z",
        // "umrn_number": "UMRN987654321",
        // "utility_code": "UTL000123",
        // "sponsor_code": "SPN456789"
    },
    "amount": 2000,
    "start_date": "2025-02-21",
    "valid_till": "2035-03-15",
    "reg_date": "2025-01-15",
    "type": "U",

    // "identifier": {
        // "identifier_type": "nach_scan_img",
        // "file_name": "nach_scan_img.png",
        // "file_blob": "
"iVBORw0KGgoAAAANSUhEUgAAAFgBAMAAABkmP6LAAAAG1BMVEVnrs9Xn8V4vdrv7+9Gj7uLzuX///
+f4PHH4uwR+sD+AAAgAE1EQVR42uydy27jOhKGGwcYzGscMGDH4ENXx5jwIBW1jF8Wcdg5OWBDVt57BGri
hdJFGlZitIBRnFsOWGxPv5VRUqK3P1rh9tmhtsXvf0syu1zqJ5/jQC9+sp0/4Y6FWen2DLi5L6h0Av8xPg
XJRFHz8FuihQaKCe/QzowmR0yXzKTz8EGvO50DqXmXL5EdC5U1rnyPFnQBegM+S0rsmfprTOacqP0aA/Py/
dPR1AaT1J03YaE3oFHh+ANkJDjhQ0640DvSLfXT3tSWm3XcadLsjzsTM0CX3SzajL8Tga9BKSQ2MvOkKfkB
VmDtjrD02vc/p529uDdljgZJtsXH1bIC1YFziJ3G3b8vZeaDzqwczsCo2kuZmn87GgD711Wh5fdvKU46oCR
Ouk+GIcaHt4CVs36Jy073IbqpGgqfxxBshvHTyt7Jqs2/X1Ngr00jo82RXmbuiTixJNJonA5/5WYCXd6W1J
tIUTOv8YA3oFMx16Ppn4doI2szSKPQq0lcgE+ni/pyIv/EW8GE3pPA/nR7cBu9QeA3qJ/jz31B8dB1zk3qn

```

iSNCUjoVx/tEV2p5wj aV0UYkt8neAtjld5CPO09X10EvqO2xX1aUFpb6NlB61nMak7gCd1417Qd9xIHvImz
PAvcfE+3qI9NN1hJOAQxX5ZM90u0D7GTbGmcumIhRtm/s8LSuznXeS+OWnW6G8vNNTudP5NJbSQejjfz5Cp
vdG6Y+CPo2idNHiOW27+T7ofUtSp20PbUH6P/T90Jd7PO2/D7pNrwehx7mW11ZOadt12xQ/wrW8LOw7bVt8
I3T+KHT+p0FFvg+6+3UPd3qatg0WQ/cD6Icu1hQPQq++E3oedp60XYYH0w500Hn2p0MH57wHoW8jQa/q0Cr
PcnVL2obSSI1Ggp5pTPwqafUXxDlpW4BFPUAjQS+Uk9jt3AFNQcGvcq98ZKNBk0OQWO+oklmdkrYVoZU/44
0BTRN1poktwmvSNse0gmGiea4+RoO+lmEtN620g117pTtqmyaK6929bvxoOdWaaiA6iQ0DE0pZQNU6n4bE
RpqCJUG0TT3JWG7RG0RFjY7440Bvacal0xKYrk6piCxoxQyhZkubcbEToDTpyqFYU6BX3NndKmGk9DQN95
FyMkpSKRsSoztU7YXjUrwhpq9ZI8Yv7UU9Xn56L3rOr0reC+jf5odV7SdhC0xyZFS2mxxT0SmofUs1T7/s
91FlTqB5h/ktBg74gNUw2uiJM8UzvLEFRSuqe0HZJBpcKB/CasM2wIS4wlCbJ2zavijKwXHJ7Q199pRHGHk
a02W4yOtog/0ik2eBZoYqzeS1JzT4tYLRRBa3PdgIRAswTjlaZnbZz+yBwoPQc1zXcIXIaJFLKL3PTEJje
CCj71InJzN16QW9JNcm3oiegKZhIjZmVB16zxx1po59oVERhCDN47zzExAz3nJ7Sd1sTT3TkvDaG1q5/ujd
Imp7df1khpyvE46uWDUmrVQv6FWWZZ7YiCJvUVuP2JjI1O31XtVA+0svaKkCWwI6z7yNLBI3pmZZ1aYX9Ex
VkwM2+RGz3WTNTS7ijuZVUUwlDgDt6Ncx20MWMEk4qgan7KAf9DWkWxw6kFFZ4k8ODZNjn3tNy8PMgNKvMd
t1YJhZ4i6tRvt1n3tNd9tMqkx/4wNfOkO/xh01dekHDWuyFz0SLm17V26M5hGH1ofstQT86AcNTp171Dtme
+2s9Bx6VZ4j1Q/6UE0P7FbGbJXyWtLuS9TRFaNpY9pb6Y3NZYKBvUsMOnP5T/rJY9QRDG4Af3WC3onqb+y
Y+iuFJYyBg1NHDEQXWK01hQYRVb6XU9oAHazh0amaTRse5AEenGXS1LCMq18pijRAMN/1g0aJDbVEFaPQygG
bJ1k6khQoSmt57Un9FVC17YOIX4v7bZ7KYFWodxAI6N/65CuAcGpZzWVx6ErSiO/jEBvM5QZQIgmizm6Gn
2hb8yRW0/ordQd1Q/YIPUyPLMI2841Dg2fAEovoO2OU1aK0tmuL7QRDktKQsFEoK+6EUmGrZWMQS8tMymtB
9kXeo9Ko9QQev0VgTYTXkarnIQSaHU01yiKiY3eXfeFPpjswOkOpYhAK80kk1DaKgaNcx31DUZmEX/0qinM
SDLDIAOJQpp2W01HP+ZF231EruxIozRwI3zfD5yVFFY61ZGCSrZekF3JmtJ6LwI9xyIhkVHp1/7QSprJDpX
WcwLMSS3QmPQ0yMy0bj0LNswKTCFoPQ101RqEkBjwsO2SzgCTTiYuredmVOLKKS1v/aGvtBxKqkLoet1m07
dZYzMKqDF0ZZaKhMZvbsYAtpQ2NcsCm01w2TCtaLFkZL13stFYNcfeu5V1C2v1zbbq4u1s2t3RGtspfv1Q
NDKm3fj0MoLiHlubWwF8cpF1WXbH3rpKayS4jWjHSkA13q+xW4A6JWsbyoBrSoTu2qHXrni9jJwCOiZDG3x
xqrSNjI/1puW28vxQs/uDYuU4hatWhqkwkPU2ErUBVq1gIQLILDdBolh+i2w415aIDtJR7YsmGgr6G+1/d
Dy+SyVUvpfvea4tu3YN/hxudQ27aegyE89r51Ak9VQ31Pwo1D4rWdMRx41xF2hN53gBbhpsHGwVTkBoJuUy
TUONTytfWCWzjtxoYONm3hCLVx4Ggd1w2oy7uhhYt0MFsiV7a7AQtSxQuao9Ly5UdoUfI6/NBoPG7b1yfJ
J8NBf0ejmMQw1MIHKMbXqhnCgoloi8pB4M+S1HXWWdqCFr75XdFFMubQgucaQaBngaEDkNP9fDq4wv3fJbS
CmzkpvwfBPqtoTPXs2+g8VnIZtEGe97Y6nZ6lx1fBoPeorbuofsP/j0TahDSWY9NP3H+HOx5y3XFckFxQyG
oDgeB3oN/B1bw6xqT4fUC4y1wlAASttMz6SwsuX6dDACNhS4Q2IRfiNCfwrjJUj1K4YPUG+seQArQAn5pf
Qg0DuuN9M7uRCX4CJXURoi8hT8XIdJDKsFJNZliHtN6a2g0HjpZzQuAjfLzI3S3MCU08FbFs6U8mZwoArnQ
3zgzEGj0qgxeChhAtCYorgkInY5uFDP1EQirFF6MiT0O6JwXLug7GUIeoqTNCktYaAsdO/QAbvjNoSow8uQ
0GezDNIsDd9PzcZn+hWOjZQ03Vo2tYMHpVEGLgb95xSnwoM1E+wkAC0cNTxK0xbqWdiQ0cigy+dBod+4tN1
M30VTo/FC0LGs20Lq9L4AP1jRkhrS5kdg0JvOf0IySFrNhZeNOhJPAd6fsMEwga0eOpJdFDoPR3TCJMmgN
68YRhakISGfxLo+R0bUDu0kiIIP+0+EHjhxsVtaOmrcMb/iZhNuSnhq9nxgwh8dRqUc3rDQG+vF3xqfTVhyU
4Ie9+9mz1s7CREw7h8H/sdYQ8xi0rjZmntSc8qVwEc1z1ZmOhrEzJsNDP0ueXN7rjee+kOyC2ej51DcqLtb
oc8hpXm9caAVZx+NnrcBASjbhoXmoa3eOBAPIW6NnsOdscvQ0NNWN35jwQJKLxo9B6taPKcxuh1Pz6ZBR/W
PGAYbNW/wCEM/DfaBM/N2z1m5KNon/GK/a421+gK/8cnLIddzS3bcBofW6nAm6Mku/FO18YEx+L3+hmb67X
OjZwEjbzx2g0OvGKiBrKimTsPa5wCZmb2QHHYmLeOvPdjT8NAz7R8dQI6gY1a/KsBJam7BxFOjPDhnrfrUxL
DQzicoYqg37i0rjN0poGwm9+7velagobb5rXQ0CvUBLKWWt0tU7Qqf6RxRtqFF9vK7fEs7x5yYS9D3zfyHs
Z+ZRW7jq/eTniti0vvvh+aeMc4fMqCu2/hJoy8xguhOB6vHC7rSs/2sPNKngo54dA0NPGdMuGM17FOLnSmM
/7IyyiC1qF6sY496sYab9591XQOujTvDHUwnITFaZXGc6CuYhTOMa9JvOCcwtihdkye8vgd4yBu4EsoBLU4
nUeMVwUYEHsXFW/6MC9cMwoakvc1TVjvH5CPQSKYVRGqOP9WPOfn21TVh4tasNlCEul9wx8xTG/NfkAegVA
xrcYYyof3uN56xCjaP7d+2Pv1pbp4s9SSBUVYCe+kOPWPMzK+4JkLmTrzGUyZcfnDim1S7OmPpabk5d4de
xzjGDGrktuv8H3YIEpjRhtzcazyFnzuloVon1a6wEpzSqDZLYJzB4rn7/zIiuAus8Vy+VrrmDojT2J6qN1b
Q7wRFCpKobBTH2NJ0e+kM/Y8hFsxorve8EzucEyDZGe3r3/tdnZnbhPteRzEORoKXztD/YcyPLLNK2sasui

F7FZphBbulBzt dRDH+azxPOkO/VaJuKpFNbOONmVFs+PVT5fLc0qsJkhuLNYZxti15z+itF1fuMvdf7jr5X
17cKfPZ3xXof/7H3LX0tq1j4UNmcuMlmU4wXTIK2mbBzxqjqbRcDzNNUd8uOxGiepne4nadB+rkZw95HiT1
chVHBYa2rBcf3/nOx0NakZyiN622tquL2FceDVowtagK38j573a6D1CjKgn0ac6BqdzS7jqvbGfQ7fRRM1+
05d4B/a6v/IviYFu7y+i+8x1A1/2Yi9MG6K1Mnw2qY/gikc6dOxnoeFH5+peg+ytw5zbr4g33Pr4j1ucDbd
6NBb3oF9hsuN2FK54I+qoYEjX1vdrqh3BNtb/8y+F21y0lPh709aCoe8eWLtPLfk9tBtu9bbnm5PGgvwyAL
raBzpgeUMfb8B3y7QKrx4O+GMDsvjfH1kbaT1VtU0dfuy1Bh97z6P10mKH1J7qG9K4X9ItU1fVQPx54ILmj
pv3HfwmYD40uoJL3OJMbihN5vaVwT7u3nfx704AWTTa95grtvtp3lu2g+40qhm616U4K3I8dQM89vPBGnOk
dIu0cJ0PZQXrpDHRQRw9sGLgrZe06WXW9C2iup9u0Dj17w7QuY1WuaJsb3sVAu8uUV1w72wW0rwjryMgMK+
eUXxi8Cy+nGwHekQdrnc47G83F7TjFlc7MU3dX2uuyiWB6434gVALzT6TVHXdJJrtc6vedt8CZRLWR27g
H7tAWuErRmwXg8P7rSaR4VzBmzM+dmQqEM32SPU/b+c4ThD/PAH9nYFnZD6elBujN59XhPDTsBpNCYM0imK
aywUmUad9jW01IkR1F+o98duoM+0RiCo5IJQEEpXwCddkCPYIGH6R/ISK6aI/nDuZV9Dt6wwLMH9N4ShnUC
/FZwFk0oAqFpHu466DWEOfXRVx/kamYw52Hwo+351ANBNSABX5/O+3BH0mppCwZG6kWbtHPdKVnwhB0ODf/
DAXE6msixrN+u7aJjkzExjheWOoBfQSUS2R1c7oRv7KUNn1b7WTJ7WkWkX1NFtaK1jTfhBhfqHUHPX8ivU
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```

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bhrabT7dX+4zH77dvqCy0/1Zcl+ZnBe1+Xq6L+cfmwUJbA35Zp/Z1ZernCe1WL1Ziv2/KNLQj6KaZ/jpqXU
06r031zKHd+lcbn/30NXx/tUDN/wCr1MAOVjApiAAAAABJRU5ErkJgg==" ,
    //      "file_size": 1024

```

```

        // },
        "mode": "DD",
        "frequency": "AS AND WHEN PRESENTED",
        "request_type": "Entry"
    }
}

```

8.6.1.2 Response

```
{
    "status": "success",
    "data": {
        "investor": {
            "ucc": "8kr4EBmr"
        },
        "member": "0103",
        "exch_mandate_id": 30
    },
    "messages": null
}
```

8.6.2 mandate_get

8.6.2.1 Request

```
{
    "data": {
        "exch_mandate_id": 30
    }
}
```

8.6.2.2 Response

```
{
    "status": "success",
    "data": {
        "exch_mandate_id": 30,
        "investor_bank_details": {
            "no": "6986598569865",
            "vpa": [

```

```
        "shivam02ahirrao@oksbi"
    ],
    "ifsc": "UTIB0000145",
    "name": "zdsd",
    "type": "SA",
    "branch": "Ghansoli",
    "micr_code": ""

},
"max_txn_amt": 2000,
"cur": "INR",
"valid_till": "2035-03-15T00:00:00Z",
"status": "RC",
"start_date": "2025-02-21T00:00:00Z",
"reg_date": "2025-01-15T00:00:00Z",
"type": "U",
"ucc": "8kr4EBmr",
"member": "0103",
"details": {
    "field1": "",
    "blod_id": ""
},
{others": {
    "mode": "DD",
    "status": null,
    "investor": {
        "ucc": "8kr4EBmr"
    },
    "frequency": "AS AND WHEN PRESENTED",
    "debit_type": "Maximum",
    "client_name": "",
    "mem_details": {
        "euin_flag": true,
        "member_id": "",
        "partner_id": "partner_id",
        "sub_br_arn": "arn",
        "broker_code": "",
        "sub_br_code": "code"
    },
    "request_type": "Entry",
    "mem_mandate_info": {
        "umrn_number": "",
        "sponsor_code": "",
        "utility_code": "",
        "member_mandate_id": "",
        "mandate_status_date": ""
    }
},
}
```

```

"audit_trail": [
    {
        "msg": "Mandate registered successful pending for 2fa",
        "user": "member/0103/isec.maker",
        "when": "2025-02-21T11:14:15.870888963Z",
        "event_status": "mandate_registered"
    }
],
"identifier": {
    "identifier": {}
},
"messages": []
}

```

8.6.3 mandate_list

8.6.3.1 Request

```

{
    "data": {
        "start": 0,
        "length": 50,
        "fields": [
            "id",
            "umrn",
            "src_acct",
            "dest_acct",
            "max_txn_amt",
            "cur",
            "valid_till",
            "type",
            "details",
            "is_active",
            "is_verified",
            "verified_on",
            "verified_by_org",
            "cancelled_at",
            "cancelled_by",
            "created_at",
            "ALL"
        ],
        "format": "json",
        "count_only": false,
        "sort_dir": "a",
    }
}

```

```

    "is_compressed": false,
    "search": {
        "value": ""
    },
    "filter_param": {
        "is_active": true,
        "is_verified": true,
        "type": ["U"],
        "member_code": "",
        "status": ["A"],
        "ucc": "",
        "created_at_after": "",
        "created_at_before": ""
    }
}
}
}

```

8.6.3.2 Response

```

{
    "status": "success",
    "data": {
        "lists": [
            {
                "exch_mandate_id": 9,
                "ucc": "8kr4EBmr",
                "man_2fa": "n",
                "man_2fa_action_at": "2023-02-15 00:00:00",
                "member_code": "0103",
                "amount": 200,
                "cur": "INR",
                "ifsc": "UTIB0000145",
                "acct_no": "6986598569865",
                "bank_name": "John Doe",
                "bank_branch": "Ghansoli",
                "acct_type": "SA",
                "mode": "DD",
                "frequency": "AS AND WHEN PRESENTED",
                "debit_type": "Maximum",
                "reg_date": "2023-02-15",
                "start_date": "2025-02-18",
                "end_date": "2065-02-15",
                "type": "U",
            }
        ]
    }
}

```

```

    "details": {
        "field1": "",
        "blod_id": ""
    },
    "is_active": true,
    "is_verified": true,
    "cancelled_at": "0001-01-01",
    "status": "A",
    "created_at": "2025-02-18",
    "audit_trail": [
        {
            "msg": "Mandate registered successful",
            "user": "member/0103/isec.maker",
            "when": "2025-02-18T12:31:48.783716754Z",
            "event_status": "mandate_registered"
        }
    ],
    "others": {
        "mode": "DD",
        "status": null,
        "investor": {
            "ucc": "8kr4EBmr"
        },
        "frequency": "AS AND WHEN PRESENTED",
        "debit_type": "Maximum",
        "client_name": "",
        "mem_details": {
            "euin_flag": true,
            "member_id": "",
            "partner_id": "partner_id",
            "sub_br_arn": "arn",
            "broker_code": "",
            "sub_br_code": "code"
        },
        "request_type": "Entry",
        "mem_mandate_info": {
            "umrn_number": "UMRN987654321",
            "sponsor_code": "SPN456789",
            "utility_code": "UTL000123",
            "member_mandate_id": "MM123456789",
            "mandate_status_date": "2024-02-12T10:30:00Z"
        }
    }
}

```

```

    "exch_mandate_id": 28,
    "ucc": "8kr4EBmr",
    "man_2fa": "n",
    "man_2fa_action_at": "2025-01-15 00:00:00",
    "member_code": "0103",
    "amount": 2000,
    "cur": "INR",
    "ifsc": "UTIB0000145",
    "acct_no": "6986598569865",
    "bank_name": "zdsd",
    "bank_branch": "Ghansoli",
    "acct_type": "SA",
    "mode": "DD",
    "frequency": "AS AND WHEN PRESENTED",
    "debit_type": "Maximum",
    "reg_date": "2025-01-15",
    "start_date": "2025-02-21",
    "end_date": "2035-03-15",
    "type": "U",
    "details": {
        "field1": "",
        "blod_id": ""
    },
    "is_active": true,
    "is_verified": true,
    "cancelled_at": "0001-01-01",
    "status": "A",
    "created_at": "2025-02-21",
    "audit_trail": [
        {
            "msg": "Mandate registered successful",
            "user": "member/0103/isec.maker",
            "when": "2025-02-21T10:50:32.169068276Z",
            "event_status": "mandate_registered"
        }
    ],
    "others": {
        "mode": "DD",
        "status": null,
        "investor": {
            "ucc": "8kr4EBmr"
        },
        "frequency": "AS AND WHEN PRESENTED",
        "debit_type": "Maximum",
        "client_name": ""
    }
}

```

```

        "mem_details": {
            "euin_flag": true,
            "member_id": "",
            "partner_id": "partner_id",
            "sub_br_arn": "arn",
            "broker_code": "",
            "sub_br_code": "code"
        },
        "request_type": "Entry",
        "mem_mandate_info": {
            "umrn_number": "UMRN987654321",
            "sponsor_code": "SPN456789",
            "utility_code": "UTL000123",
            "member_mandate_id": "MM123456789",
            "mandate_status_date": "2024-02-12T10:30:00Z"
        }
    }
},
"total_count": 2
},
"messages": null
}

```

8.6.4 mandate_update

8.6.4.1 Request

```

{
    "data": {
        "investor": {
            "ucc": "8kr4EBmr"
        },
        "exch_mandate_id": 32,
        "member": "0103",
        "identifier": {
            "identifier_type": "nach_scan_img",
            "file_name": "nach_scan_img.png",
            "file_blob":
"iVBORw0KGgoAAAANSUhEUgAAAWgAAAFgBAMAAABkmP6LAAAAAG1BMVEVnrs9Xn8V4vdrv7+9Gj7uLzuX///
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ttwMVuoG2brnz3qdyB8bIrmagag8wjS4qtVVF2GMmYpzu4XCrbZEbTR3ICMnzTfIQnuetxFc7ZclSEnxJi1k
Nvyy66g7SQVk5GXL+ocBd8tVXWHOjTtzrGS9m+GQveeyNafyQokVpY60EPIRrfhVX5Hh511sfLJh7A/Eo8G
/ozjkK+rjj2Pcy1qTDwNwJ0uG2yRu6b9ZUHPjJwbk/4CftzvEPrCZxCfRZLsIbhhi1GD3JNmuliYtE8XkO
4pHS1Q2h3YiTsXGntxPa2iRtc+deT456+DVuJOU2Wnvna7BDaTq09GKcLoHwjKJ2ZXIJSigPRKy5BaU8AAA
IGSURBVJRGVvpql0r7mRP5OhGaOjkk8WjrvERPh+mHjMOz3UI3/0a2gasSCCAqSWfx/gJmgifgas6DRW3qn0
D7f5jwi17ZgoCU0SpgcQsh8YHYNPeekHAXJwLkfNCTM0PLxUrnZObSfOa30LWdeOjnyRAQhwGt10hx3Db17
snN7iEF0tIBeM/QybwTu9iEaF3uANjpz7fK4antabJzFFvhxZvYAHQ2yH1SvGY6rjhWzF2g7te5b1meTyH9
U7QXaaCxQJIjFBtAb/OJVfYH1ynWZu8V6rH4uB/1mb9DNuBj0/f6gP5RihmZ/0HbmVKZc7RO6OS0DfbZX6H
1Rd+wJuuvE2L/c7B16aWq9kTqvPUMXODHOzL6hCxjkav/Q2xtkUe0feluDXJsDQNevt4M+qQ4AveXMCTb+c
s4G8+10dbz1BG+jdreFftgCujkU9BYzp6vDQW9ukOaA0B+2mpQeCHrDEyM0B4VuNsrgNtPhZ8bL5tDQ

```

9XTwaLw/OLT7isXAyb95BtC1+VuQOerqGUBb7L8HTUmfB3TV/Kf3B/TvzHOBtnOwnhb531TPBtquPuheg3D
bhrabT7dX+4zH77dvqCy0/1ZcL+ZnBe1+Xq6L+cfmWUJbA35Zp/ZlZernCe1WL1Ziv2/KNLQj6KaZ/jpqXU
06r031zKHd+lcbn/30NXx/tUDN/wCr1MAOVjApiAAAAABJRU5ErkJgg==",
    "file_size": 1024
}
}
}

```

8.6.4.2 Response

```
{
  "status": "success",
  "data": {
    "investor": {
      "ucc": "8kr4EBmr",
      "member": "0103",
      "exch_mandate_id": 32
    },
    "messages": null
  }
}
```

8.6.5 mandate_cancel

8.6.5.1 Request

```
{
  "data": {
    "ids": [
      32
    ],
    "investor": {
      "ucc": "8kr4EBmr",
      // "pan_holders": [
      //   ""
      // ],
      // "holding_nature": "SI"
    },
    // "parent_client_code": ""
  }
}
```

8.6.5.2 Response

```
{  
    "status": "success",  
    "data": {  
        "success_id": [  
            32  
        ],  
        "investor": {  
            "ucc": "8kr4EBmr"  
        }  
    },  
    "messages": []  
}
```

8.6.6 mandate_link

8.6.6.1 Request

```
{  
    "data": {  
        "reg_no": "d18b4e71-83d4-4ce1-80d1-81a67d262da0",  
        "exch_mandate_id": 14  
    }  
}
```

8.6.6.2 Response

```
{  
    "status": "success",  
    "data": {  
        "reg_no": "d18b4e71-83d4-4ce1-80d1-81a67d262da0"  
    },  
    "messages": []  
}
```

8.6.7 mandate_delink

8.6.7.1 Request

```
{  
    "data": {  
        "reg_nos": [  
            "d18b4e71-83d4-4cel-80d1-81a67d262da0"  
        ]  
    }  
}
```

8.6.7.2 Response

```
{  
    "status": "success",  
    "data": {  
        "SuccessIds": [  
            "d18b4e71-83d4-4cel-80d1-81a67d262da0"  
        ],  
        "FailedIds": null  
    },  
    "messages": null  
}
```

8.6.8 get_2fa_link

8.6.8.1 Request

```
{  
    "data": [  
        {  
            "event": "verify_order_new",  
            "order": "5000000016"  
        },  
        {  
            "event": "verify_sxp_reg",  
            "sxp": "50f51953-ce35-4c60-90dd-5053c2185375"  
        },  
        {  
    ]  
}
```

```

    "event": "verify_mandate_cancel",
    "mandate": "1234560041"
},
{
    "event": "UCC_ELOG",
    "investor": {
        "client_code": "ucc45",
        "pan_holder": [
            ""
        ],
        "holding_nature": ""
    },
    "parent_client_code": "",
    "member_code": "MBR00100"
}
]
}

```

8.6.8.2 Response

```
{
    "status": "success",
    "data": [
        {
            "member": "0103",
            "investor": {
                "client_code": "CLNT22041996",
                "pan_holder": null,
                "holding_nature": ""
            },
            "parent_client_code": "",
            "action": {
                "msgcode": ""
            }
        }
    ]
}
```

```

    "at": "2025-02-21T08:23:53.21071Z",
    "event": "UCC_NOM",
    "event_object": [
        {
            "holder_rank": "1",
            "pan": "NOTPA0008A",
            "2fa_url": "https://qa.starmfv2.remiges.tech/api/2fa_view_object/292c581d-f065-45fb-a5d0-60b272f530d0"
        }
    ],
    "member": "0103",
    "investor": {
        "client_code": "CLNT22041996",
        "pan_holder": null,
        "holding_nature": ""
    },
    "parent_client_code": "",
    "action": {
        "msgcode": "",
        "at": "2025-02-21T08:23:53.194752Z",
        "event": "UCC_ELOG",
        "event_object": [

```

```

        {

            "holder_rank": "1",
            "pan": "NOTPA0008A",
            "2fa_url":
            "https://qa.starmfv2.remiges.tech/api/2fa_view_object/ca49cc2f-8eb3-4799-9a60-5a7bf
927593b"

        }

    ]

}

}

{

    "member": "0103",
    "investor": {
        "client_code": "8kr4EBmr",
        "pan_holder": null,
        "holding_nature": ""
    },
    "parent_client_code": "",
    "action": {
        "msgcode": "",
        "at": "2025-02-20T09:10:58.208871Z",
        "event": "verify_sxp_reg",
        "event_object": [
            {
                "holder_rank": "",

                "pan": "",


```

```

        "2fa_url":  

"https://qa.starmfv2.remiges.tech/api/s4/2fa_view_object/sxp/eb51227e-0927-4b77-85b  

0-7511577af70f"  

  

    }  

  

]  

  

}  

  

},  

  

{  

  

  "member": "0103",  

  

  "investor": {  

  

    "client_code": "AJEET007",  

  

    "pan_holder": null,  

  

    "holding_nature": ""  

  

  },  

  

  "parent_client_code": "",  

  

  "action": {  

  

    "msgcode": "",  

  

    "at": "2025-02-21T07:39:55.236159Z",  

  

    "event": "verify_order_cancel",  

  

    "event_object": [  

  

      {  

  

        "holder_rank": "",  

  

        "pan": "",  

  

        "2fa_url":  

"https://qa.starmfv2.remiges.tech/api/s2/2fa_view_object/orders/d711f70b-f278-4fab-  

af8d-0ddca5edad26"  

  

      }  


```

```

        ]
    }
},
{
    "member": "0103",
    "investor": {
        "client_code": "8kr4EBmr",
        "pan_holder": null,
        "holding_nature": ""
    },
    "parent_client_code": "",
    "action": {
        "msgcode": "",
        "at": "2025-02-20T09:10:58.208871Z",
        "event": "mandate",
        "event_object": [
            {
                "holder_rank": "",
                "pan": "",
                "2fa_url":
                "https://qa.starmfv2.remiges.tech/api/s4/2fa_view_object/sxp/eb51227e-0927-4b77-85b0-7511577af70f"
            }
        ]
    }
}

```

```
],
"messages": null
}
```

9 Annexure

9.1 Error Message Parsing in Angular

Following is the sample Code to parse the error messages from the APIs and form the error message.

The below example can be used in angular.

The consumer of the API may need to write their own version of the below code to support other languages.

```
interface Message {
  msgid: number;
  field?: string;
  vals?: string[];
}

interface MessageDictionary {
  [msgid: number]: { [language: string]: string };
}

generateErrorMessage(
  message: Message,
  languageDictionary: MessageDictionary,
  language: string
): string {
  // Retrieve the message template based on msgid and language
  const messageTemplate = languageDictionary[message.msgid]?.[language];

  // Fallback if no message template is found
  if (!messageTemplate) {
    console.log(`Error message not found for msgid: ${message.msgid} and language ${language}`);
    return `Something went wrong. Please contact support`;
  }

  let errorMessage = messageTemplate;
```

```

// Replace placeholders for the field
if (message.field) {
  errorMessage = errorMessage.replace(/@<field>@/g, message.field);
}

// Replace placeholders for vals
if (message.vals && message.vals.length > 0) {
  message.vals.forEach((value: any, index: any) => {
    // const placeholder = new RegExp(`{@<val_${index}>@}`, "g");
    const placeholder = `@<val_${index}>@`;
    errorMessage = errorMessage.replace(placeholder, value);
  });
}

// Remove any remaining placeholders
errorMessage = errorMessage.replace(/@<[^>]+>@/g, "");

return errorMessage;
}

```

9.2 Scheme List Sample

Success response					
Attribute	M	List	Type	Limit	Description and example(s)
status	Y	N	String		"success"
data	Y	Y	Object		<pre> "data": { "count": 7809, "lists": [{ "parent_scheme_code": "P-DBT-FMP", "parent_scheme_name": "ICICI PRUDENTIAL FIXED MATURITY PLAN SERIES 83 - 1113 DAYS PLAN E", "name": "ICICI PRUDENTIAL FIXED MATURITY PLAN SERIES 83 - 1113 DAYS PLAN E DIRECT PLAN CUMULATIVE", "scheme_plan": "Direct", "scheme_option": "Growth", "scheme_option_frequency": "", "scheme_addon": "", "scheme_transaction_mode_allowed": [{ "scheme_transaction_mode_demat_physical_allowed": "Demat" }] }] } </pre>

				<pre> "scheme_transaction_mode_demat_physical_allowed": "Physical" }], "scheme_isin": "INF109KC1EL9", "scheme_amc_code": "F831113E", "scheme_rta_code": "9315", "scheme_amfi_code": "", "scheme_bse_code": "IC9315-GR", "scheme_cpc_code": "P9315", "scheme_amc_name": "ICICI PRUDENTIAL MUTUAL FUND", "scheme_rta_name": "CAMS", "scheme_sub_category": "Fixed Maturity Plan", "scheme_sector": "", "scheme_benchmark": "", "scheme_face_value": 10, "scheme_offer_status": "OPEN", "scheme_offer_type": "", "scheme_investment_mode": "Active", "scheme_redemption_settlement_days": "", "scheme_nfo_date_time_detail": [{ "nfo_cutoff_date": "", "nfo_cutoff_time": "18:00:00", "nfo_transaction_type": "New Fund Offer" }, { "nfo_cutoff_date": "", "nfo_cutoff_time": "18:00:00", "nfo_transaction_type": "Purchase" }, { "nfo_cutoff_date": "", "nfo_cutoff_time": "18:00:00", "nfo_transaction_type": "Systematic Transfer Plan - IN" }, { "nfo_cutoff_date": "", "nfo_cutoff_time": "18:00:00", "nfo_transaction_type": "Switch-IN" }, { "nfo_cutoff_date": "", "nfo_cutoff_time": "18:00:00", "nfo_transaction_type": "Systematic Investment Plan" }, { "nfo_cutoff_date": "", "nfo_cutoff_time": "18:00:00", "nfo_transaction_type": "Systematic Transfer Plan - OUT" }, { "nfo_cutoff_date": "", "nfo_cutoff_time": "18:00:00", "nfo_transaction_type": "Systematic Withdrawal Plan" }] </pre>
--	--	--	--	--

				<pre> "nfo_cutoff_date": "", "nfo_cutoff_time": "18:00:00", "nfo_transaction_type": "Switch-OUT" }, { "nfo_cutoff_date": "", "nfo_cutoff_time": "18:00:00", "nfo_transaction_type": "Redemption" }], "nfo_payment_details": [{ "nfo_payment_cutoff_date": "2024-01-01", "nfo_payment_cutoff_time": "23:59:59", "nfo_payment_mode_name": "Cheque" }, { "nfo_payment_cutoff_date": "2024-01-01", "nfo_payment_cutoff_time": "23:59:59", "nfo_payment_mode_name": "NEFT/RTGS" }, { "nfo_payment_cutoff_date": "2024-01-01", "nfo_payment_cutoff_time": "23:59:59", "nfo_payment_mode_name": "Mandate" }, { "nfo_payment_cutoff_date": "2024-01-01", "nfo_payment_cutoff_time": "23:59:59", "nfo_payment_mode_name": "UPI" }, { "nfo_payment_cutoff_date": "2024-01-01", "nfo_payment_cutoff_time": "23:59:59", "nfo_payment_mode_name": "DirectCredit/ NodalPayment" }], "nfo_open_date": "2018-05-28T00:00:00Z", "nfo_close_date": "2018-05-28T00:00:00Z", "nfo_allotment_date": "2018-05-28T00:00:00Z", "reopen_date": "2018-05-28T00:00:00Z", "scheme_interval_lifecycle": null, "scheme_last_order_closure_date": "2018-05-28T00:00:00Z", "scheme_final_closure_date": "", "scheme_entry_load": "", "scheme_entry_load_remarks": "", "scheme_exit_load": "0", "scheme_exit_load_remarks": "", "scheme_lockin_period": 0, "scheme_lockin_period_type": "", "lumpsum": [{ "scheme_transaction_allowed_options": { "scheme_sxp_first_order_today_allowed": null, "scheme_sxp_paused": null, "scheme_sxp_registration_allowed": null, "scheme_sxp_trigger_allowed": null }, "scheme_transaction_cutoff_time": "15:00:00", "scheme_transaction_type": "Switch-OUT" }] } </pre>
--	--	--	--	---

				<pre> "scheme_transaction_effective_end_date": "2018-06-11T00:00:00", "scheme_transaction_effective_start_date": "2018-05-28T00:00:00", "scheme_transaction_mode_allowed": [{ "scheme_transaction_mode_demat_physical_allowed": "Demat" }, { "scheme_transaction_mode_demat_physical_allowed": "Physical" }], "scheme_transaction_single_details": { "scheme_transaction_amt": { "scheme_transaction_max_amt": 100000000000, "scheme_transaction_min_adtnl_amt": 5000, "scheme_transaction_min_amt": 5000, "scheme_transaction_mult_amt": 10 }, "scheme_transaction_units": { "scheme_transaction_max_unit": 0, "scheme_transaction_min_unit": 0, "scheme_transaction_mult_unit": 0 } }, "scheme_transaction_type": "Purchase", "scheme_transaction_type_tag_name": "Purchase" }, { "scheme_transaction_allowed_options": { "scheme_sxp_first_order_today_allowed": null, "scheme_sxp_paused": null, "scheme_sxp_registration_allowed": null, "scheme_sxp_trigger_allowed": null }, "scheme_transaction_cutoff_time": "15:00:00", "scheme_transaction_effective_end_date": "2018-06-11T00:00:00", "scheme_transaction_effective_start_date": "2018-05-28T00:00:00", "scheme_transaction_mode_allowed": [{ "scheme_transaction_mode_demat_physical_allowed": "Demat" }, { "scheme_transaction_mode_demat_physical_allowed": "Physical" }], "scheme_transaction_single_details": { "scheme_transaction_amt": { </pre>
--	--	--	--	---

				<pre> "scheme_transaction_max_amt": 1000000000000, "scheme_transaction_min_adtnl_amnt": 0, "scheme_transaction_min_amt": 1, "scheme_transaction_mult_amt": 0 }, "scheme_transaction_units": { "scheme_transaction_max_unit": 1000000000000, "scheme_transaction_min_unit": 0.001, "scheme_transaction_mult_unit": 0.001 } }, "scheme_transaction_type": "Redemption", "scheme_transaction_type_tag_name": "Redemption" }, { "scheme_transaction_allowed_options": { "scheme_sxp_first_order_today_allowed": null, "scheme_sxp_paused": null, "scheme_sxp_registration_allowed": null, "scheme_sxp_trigger_allowed": null }, "scheme_transaction_cutoff_time": "15:00:00", "scheme_transaction_effective_end_date": "2018-06-11T00:00:00", "scheme_transaction_effective_start_date": "2018-05-28T00:00:00", "scheme_transaction_mode_allowed": [{ "scheme_transaction_mode_demat_physical_allowed": "Demat" }, { "scheme_transaction_mode_demat_physical_allowed": "Physical" }], "scheme_transaction_single_details": { "scheme_transaction_amt": { "scheme_transaction_max_amt": 1000000000000, "scheme_transaction_min_adtnl_amnt": 5000, "scheme_transaction_min_amt": 5000, "scheme_transaction_mult_amt": 10 }, "scheme_transaction_units": { "scheme_transaction_max_unit": 0, "scheme_transaction_min_unit": 0, "scheme_transaction_mult_unit": 0 } }, "scheme_transaction_type": "Switch-IN", "scheme_transaction_type_tag_name": "Switch-IN" }, { </pre>
--	--	--	--	---

					<pre> "scheme_transaction_allowed_options": { "scheme_sxp_first_order_today_allowed": null, "scheme_sxp_paused": null, "scheme_sxp_registration_allowed": null, "scheme_sxp_trigger_allowed": null }, "scheme_transaction_cutoff_time": "15:00:00", "scheme_transaction_effective_end_date": "2018-06-11T00:00:00", "scheme_transaction_effective_start_date": "2018-05-28T00:00:00", "scheme_transaction_mode_allowed": [{ "scheme_transaction_mode_demat_physical_allowed": "Demat" }, { "scheme_transaction_mode_demat_physical_allowed": "Physical" }], "scheme_transaction_single_details": { "scheme_transaction_amt": { "scheme_transaction_max_amt": 1000000000000, "scheme_transaction_min_adtnl_amnt": 0, "scheme_transaction_min_amnt": 1, "scheme_transaction_mult_amnt": 0 }, "scheme_transaction_units": { "scheme_transaction_max_unit": 1000000000000, "scheme_transaction_min_unit": 0.001, "scheme_transaction_mult_unit": 0.001 } }, "scheme_transaction_type": "Switch-OUT", "scheme_transaction_type_tag_name": "Switch-OUT" } }, "systematic": null, "scheme_category": "Debt", "amc_active_flag": true, "is_active": true }] } </pre>
messages	Y	Y	object		[]