**MF Utility**

**Paperless CAN – Electronic CAN Application**

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| --- | --- |
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**Revision History**

| **Version No.** | **Change Reference No.** | **Author** | **Reviewer** | **Published Date** | **Sections Changed** | **Description of changes** |
| --- | --- | --- | --- | --- | --- | --- |
| 1.0 | V 1.0 | Saravanan SA | MFU Team | 14-Sep-2016 |  | Baseline |
| 2.0 | V2.0 | Saravanan SA | MFU Team | 04-Oct-2016 | 1. CAN Modification 2. CAN Data Status 3. CAN Request | 1. CAN Modification functionality added  2.CAN Current status added in CAN Data Status Response  3.Entity Proof and Email List added in CAN Request |
| 3.0 | V3.0 | Saravanan P | MFU Team | 14-Feb-2017 | CAN Request | Enable Online Access added in the CAN Request |
| 4.0 | V4.0 | Saravanan P | MFU Team | 21-Mar-2017 | ECAN Request | Modification on PROOF\_UPLOAD\_BY\_CAN |
| 5.0 | V5.0 | Saravanan P | MFU Team | 29-Aug-2017 | ECAN Request | Note on XML empty tag updation for optional/non mandatory values |
| 5.1 | V5.1 | Saravanan P | MFU Team | 27-Oct-2017 | Updation in section2 | Updation on the proof upload link and proof link in response XML |
| 5.2 | V5.2 | Saravanan P | MFU Team | 27-Oct-2017 | Updation in section2 | Updation on the proof upload link for Electronic |
| 5.3 | V5.3 | Sathiamoorthy N | MFU Team | 26-Oct-2018 | Section 3.7 and 3.8 added | Introduction of electronic image upload facility |
| 5.4 | V5.4 | Sathiamoorthy N | MFU Team | 06-June-2019 | Section 2.3  Section 3 Technical Specification  Request XML and XSD | Section 2.3 Process flow point #2 is added to show definition of family  Section 3 Technical specification, Holder Contact detail section is added with two more fields to indicate to whom Primary holder Mobile or Email belongs to. Accordingly, FillEezz individual eCan Request XML and XSD is changed |
| 5.5 | V5.5 | Sathiamoorthy N | MFU Team | 03-Dec-2019 | Section 2.3 and Section 3.1 | Section 2.3 Process Flow - Electronic CAN Section G - condition of having existing mutual fund investment to apply for e-CAN is removed.  Removed the point that states MFU will send physical letter seeking confirmation from eCAN applicant.  Section 3.1 - Request Header specification is added for e-CAN requests.  Request Body - Aadhar number is not captured / processed any more. But structure is retained and hence, the field to be given empty value as of now. |
| 5.6 | V5.6 | Subbulakshmi | MFU Team | 10-Oct-2020 | Section 3.1 | Place of Birth in the FATCA Detail is marked as Mandatory |
| 5.7 | V5.7 | Subbulakshmi | MFU Team | 20-Aug-2021 | Section 3.1 | NOM\_GURI\_REL and NOM\_GURI\_DOB fields added in Nominee section. |
| 5.8 | V5.8 | Subbulakshmi | MFU Team | 29-Jul-2022 | Section 3.1  Section 3.7  Section 3.9 | Section 3.1 Based on SEBI Circular, Nominee Section Mandatory fields are changed.  Section 3.7 Nominee Proof Type is added in param8  Section 3.9 is newly introduced for Nominee Fill able PDF form download Service. |
| 5.9 | V5.9 | Subbulakshmi | MFU team | 21-Sep-2022 | Section 3.1  Section 3.2  Section 3.4 | In the above version V5.8 , Section 3.7 changes Proof Type for 8#NF -> Nominee Fillable Declaration Form is removed  In the above version V5.8 , Section 3.9 is removed from the document based on New SEBI Circular  Section 3.1 In Request Nominee Declaration flag is added.  Section 3.2 In Response Nominee Verify link is added  Section 3.4 CAN Data Status Response changed for Nominee verify link |
| 6.0 | V6.0 | Subbulakshmi | MFU team | 31-Jan-2023 | Section 3.1  Technical Specification  Request XML and XSD and eCAN Attribute XLS doc.  Section 3.7 | Section 3.1 In Request Nominee Declaration flag,Nominee Opt flag values are changed and Nominee verification type added.  Section 3.7 changes Proof Type for 8#NF -> Nominee Fillable Declaration Form is added. |
| 6.1 | V6.1 | Subbulakshmi | MFU team | 01-Aug-2023 | Section 3.1 Technical Specification  Request XML and XSD and eCAN Attribute XLS doc. | The following new tags are added in the eCAN request.  REQ\_ENT\_VIA , NOM\_VER\_FLAG, NOM\_VER\_IP,  PRI\_MOB\_VER\_FLAG,  PRI\_EMAIL\_VER\_FLAG,  PRI\_MOB\_IP\_ADDR,  PRI\_EMAIL\_IP\_ADDR,  PRI\_MOB\_VER\_TS,  PRI\_EMAIL\_VER\_TS,  DP\_DETAILS section,  RUP\_VER\_FLG, RUP\_BENE\_NAME,  RUP\_THRESHOLD,  RUP\_IP\_ADDR,  RUP\_TS  The following existing tags data type and Enum values are changed. PRI\_EMAIL\_BELONGSTO, PRI\_MOB\_BELONGSTOs |
| 6.2 | V6.2 | Subbulakshmi | MFU  Team | 17-Jan-2024 | Section 3.1  Technical Specification  Request XML and XSD and eCAN Attribute XLS doc | The following new tags are added in the eCAN request.  KYC\_DATA section  KYC\_STATUS  RES\_ADDR\_DETAIL section  PER\_ADDR\_DETAIL section |
| 6.3 | V6.3 | Subbulakshmi | MFU Team | 08-Apr-2024 | Section 3.1  Technical Specification  Request XML and XSD and eCAN Attribute XLS doc | i)The following new tags are added in the eCAN request.  CONSENT\_DETAILS Array Section. DATA\_SET and ENABLED\_CONSENT  ii) PRI\_EMAIL\_BELONGSTO, PRI\_MOB\_BELONGSTO make a mandatory fields in contact detail section |
| 6.4 | V6.4 | Binu | MFU Team | 20-Sep-2024 | Section 3.1  Technical Specification  Request XML and XSD and eCAN Attribute XLS doc | The following new tag has been added in the eCAN request in Holder KYC Detail - KYC\_DATA Section.  SOURCE\_KRA |
| 6.5 | V6.5 | Subbulakshmi | MFU Team | 13-11-2024 | Section 3.1  Technical Specification  Request XML and XSD and eCAN Attribute XLS doc | In the nominee section, Nominee relation and Guardian relation is not a free text. Based on RTA structure Possible enum values are added. |

**Contents**

[1. Introduction 8](#_Toc182691407)

[1.1. Background 8](#_Toc182691408)

[1.2. Organization of the Document 8](#_Toc182691409)

[1.3. Acronyms & Abbreviations 8](#_Toc182691410)

[1.4. References Tracking 8](#_Toc182691411)

[2. Functional Specification 9](#_Toc182691412)

[2.1. Proposed Solution of eCAN/Paperless CAN: 9](#_Toc182691413)

[2.2. Pre-Requisite: 9](#_Toc182691414)

[2.3. Process Flow 9](#_Toc182691415)

[3. Technical Specification 13](#_Toc182691416)

[3.1. e-CAN Request: From Entity to MFU 13](#_Toc182691417)

[e-CAN Request – Request Header 13](#_Toc182691418)

[e-CAN Request – Request Body 13](#_Toc182691419)

[3.2. CAN Response – From MFU to Entity: 32](#_Toc182691420)

[3.3. CAN Data Status Request – From Entity to MFU: 33](#_Toc182691421)

[3.4. CAN Data Status Response – From MFU to Entity: 34](#_Toc182691422)

[3.5. CAN Modification Request: From Entity to MFU 34](#_Toc182691423)

[3.6. CAN Modification Response: From Entity to MFU 35](#_Toc182691424)

[3.7. CAN Image Upload Request: From Entity to MFU 35](#_Toc182691425)

[3.8. Image Upload Response – eCAN Proof Image 38](#_Toc182691426)

[4. Model Implementation Activity & Checklist 41](#_Toc182691427)

[4.1. eCAN Integration Model Checklist Template - UAT 41](#_Toc182691428)

[4.2. eCAN Integration Model Checklist Template - Production 42](#_Toc182691429)

# Introduction

## Background

Currently, MFU facilitates CAN opening only upon receipt of a duly signed physical application form with all the relevant documents attached. This is seen as a constraint by investors and distributors for transacting through MFU. Many AMCs have started providing online account opening facility and hence investors and distributors expect MFU also to do so. While different options are made available to fill the form electronically, the last mile requirement for submitting a duly signed physical form still remains a requirement. The form thus submitted undergoes the process of data capture and scanning. This activity is time-bound and also a duplication of efforts in terms of capturing the CAN data.

To overcome this, MFU is introducing paperless CAN or eCAN to the entities. This document describes the process flow, functional specification and technical specification of eCAN.

## Organization of the Document

This document has three sections.

1st Section: Introduction. This section shall give the background of the project and introduction of the reasons due to which this document is prepared.

2nd Section: Enhancement Functions: This section shall define the changes and enhancements in detail.

3rd Section: Pending Issues: This section will talk about the issues which are not addressed currently and are pending.

## Acronyms & Abbreviations

| **S.N** | **Acronyms** | **Abbreviations** |
| --- | --- | --- |
| 1 | MFU | Mutual Fund Utility |
| 2 | AMC | Asset Management Company |
| 3 | CAN | Common Account Number |
| 4 | eCAN | Electronic CAN |
| 5 | JSON | Format used for technically sharing information |

## 

## References Tracking

| Intellect Solve ID |  |
| --- | --- |
| Requirement Identification No |  |

# Functional Specification

## Proposed Solution of eCAN/Paperless CAN:

* Paperless CAN / eCAN is introduced by MFU whereby the investors can fill up CAN details online either through web site of MFU or through web portal of the entities.
* The entities can provide the facility in their web portal for the investors to self create Common Account Number (CAN). MFU will host web service to receive the CAN requests which can be used by the entities.
* MFU will respond/confirm back through web service on successful creation of CAN.
* Investor, depending on the mode selected, can opt either to upload the Form + Proof or to handover all the documents to the entity that will in turn upload the documents in MFU system.
* Document images uploaded will be verified by MFU and CAN will be approved, if the documents are in good order.

## Pre-Requisite:

1. eCAN will be offered only for Individual Investors.
2. The entity desiring to open an e-CAN should have entered into an agreement with MFU for API or White-labeling or Transaction Upload arrangement.
3. An appropriate addendum to the integration agreement shall be executed with such entities to cover the liability that may arise due to any fraudulent account opening.

## Process Flow

1. Provision to create eCAN will be facilitated through MFU website as well as the entities signed-up with MFU.
2. If entities signed up with MFU is collecting eCAN Detail, such entities may also be advised to display the definition of Family for the convenience of the investors as follows. This family / self is used to indicate to whom the primary holder mobile number or email belongs to.



1. Investors visiting the MFU website or an Entity’s portal will fill the details as required for CAN creation.
2. The investors will have an option to mention their choice of submission of the CAN either as **Electronic** or **Physical**.

If **Electronic**, investor has to upload only proof and no need to upload signed CAN form.

If **Physical**, investor has to provide printed form duly signed and proof to the entity who will upload the documents to MFU system.

1. The data captured through the MFU website or the Entity’s portal will flow to the MFU Portal through a Web-service.
2. At the MFU portal, the data received through the Web-service shall be consumed for CAN creation.
3. MFU system will do all relevant validations and confirm back the status as Success / Rejected, to entity system through web service. If it is success, provisional CAN will be allotted and sent back. If it is rejected, the reason for the rejection will be sent in the response.
4. During this process, MFU system will also check KYC status of the applicant with KRA and will consider only “Verified” and “Pending-WIP” status for allotting provisional CAN.
5. As mentioned in Point (3), the investor will have two choices of submission of documents.
6. **Physical:**
   1. Once the CAN creation is successful and provisional CAN is created, fillable PDF of CAN Registration Form with embedded data and provisional CAN will be sent to the primary holder’s email ID. In addition, a copy will be sent to the entity also.
   2. Upon receipt of fillable PDF, the applicant has to fill additional or missing details in the pdf if any, take a print out, sign the form dully, attach required proof and submit the same either to the entity or to any MFU POS, for regularization of CAN.
   3. The entity, on receipt of the physical documents from the applicant / investor, it can retrieve the CAN record from MFU and make modifications, if required, scan all the documents and upload the same into MFU system against such CAN.
   4. Optionally, the Entity can choose to receive the Fillable PDF of CAN Registration Form via Email, (configured during Entity Integration) with MFU. This can be achieved by passing an appropriate value in the "PROOF\_UPLOAD\_BY\_CAN" tag in the Request XML. The applicable Values are "Y"- Yes or "N"- No.
7. If the Value is "Y" in the request XML for "PROOF\_UPLOAD\_BY\_CAN" tag then the fillable PDF of CAN registration form will be sent to the Primary Holders Email ID.
8. If the Value is "N" in the request XML for "PROOF\_UPLOAD\_BY\_CAN" tag then the fillable PDF of CAN registration form will be sent to the Entities Email ID, not to the Primary Holders Email ID.
   1. MFU will verify the documents uploaded and approve the CAN if the documents are in order. The documents not in good order will be communicated back to the entity and CAN holder.
   2. A CAN Registration Summary PDF document will be sent to the investor by email on the registered email id of the primary holder on T+2 day after successful approval of the CAN.
   3. A physical letter will be sent to the physical address (as downloaded from KRA) of the primary holder of the CAN registration with a negative confirmation that if the investor does not respond within 15 days, the CAN data submitted electronically will be deemed to have been accepted
9. **Electronic:**
   1. Once the CAN creation is successful and provisional CAN is created, email communication with a **link** will be sent to the registered email ID of the primary holder and an email communication will be sent to the Entity, if the "PROOF\_UPLOAD\_BY\_CAN" tag is "Y" in the request XML. If the above tag is "N", then the email communication not sent to the Primary Holder and Entity.
   2. The upload link sent to the Primary Holder will be activated only on entering the OTP, which has sent to the Primary Holder Email and Mobile Number. When the link is clicked, the system will ask OTP authentication. Once it is authenticated, it will lead to a screen where the applicant can upload the documents himself.

Optionally, the entity can receive the upload link in "Response XML" from MFU, if they wish to. This has to be configured during the Integration with MFU. If the PROOF\_UPLOAD\_LINK \_RESPONSE it is set as "Y", then the link will be part of response XML in the PROOF\_UPLOAD\_LINK tag. If the PROOF\_UPLOAD\_LINK \_RESPONSE is "N", the link will not be sent in response XML to the Entity

* 1. The investor need to upload only the relevant proof as required for CAN and no need to upload CAN Registration Form.
  2. Since the form is not required to be uploaded, MFU will obtain the signature of the applicant from KRA which will be considered as valid signature of the CAN holder for future transactions.
  3. With the combination of the CAN data submitted and the corresponding KYC signatures of all the applicants as downloaded from the KRA, MFU system will auto-generate the tiff/PDF image of the CAN form which will be reference for future activities in the CAN.
  4. MFU will verify the uploaded documents and approve the CAN if the documents are in order. In case of the documents are not in good order, the same will be communicated back to the entity and CAN holder for necessary modification / remediation.
  5. The bank account(s) given in CAN, should have been registered with any of the Mutual Fund by the investor. If any of the bank account is not registered with any of mutual funds, such bank account will be verified using rupee drop (transferring 1 rupee) and valid bank proof. If rupee drop / valid bank proof is unsuccessful then we may ignore the bank from CAN Registration.
  6. A CAN Registration Summary PDF document will be sent to the investor by email on the registered email id of the primary holder on T+2 day after successful approval of the CAN.
  7. The online user access creation link will be provided if the ENABLE\_ONLINE\_ACCESS\_FLAG=’Y’ and once the CAN registration is successfully approved by MFU then
     1. An Email communication with a link will be sent to the registered Email Id’s of the respective CAN Holders and an OTP will also sent to the email and mobile number
     2. If Email Id is not available for any one of the respective CAN holders, then the communication link will not be sent to that respective holders
     3. If the CAN is already registered for that PAN, then no action will be performed as the online access for that respective holder is already activated

# Technical Specification

## e-CAN Request: From Entity to MFU

The data elements required for CAN request and their definitions are given below.

### e-CAN Request – Request Header

All fields are mandatory in this. The request header will be common for all the e-CAN Requests

| **S. No** | **Field Name** | **Size** | **Description** |
| --- | --- | --- | --- |
|  | Entity ID | Char(6) | A unique Entity ID, as available in MFU for the Distributor / RIA or such other Entity using eCAN facility.  The unique ID shall be provided by MFU to the Entity while setting up the UAT / Production environments. |
|  | Unique ID | Char(15) | Unique ID created at the Entity’s site and shared with MFU in the URL. |
|  | Login User ID | Char (12) | Login ID of the user – initiating eCAN request |
|  | Encrypted Password | Char(50) | The password should be encrypted using AES/ECB/PKCS5Padding algorithm. For each entity have public key for password encryption |
|  | Request Type | Char (25) | Request type to be provided  CANINDREG |
|  | Version Number | Char(5) | Version number for the Web service. For example, 1.00. The version number is used to manage future changes to the webservices. |
|  | Timestamp | Date Time | YYYY-MM-DDTHH:MI:SS.F6 |

### e-CAN Request – Request Body

| **Section Name** | **XML Tag Name** | **Field Name Description** | **Mandatory** | **Data Type** | **Possible Enums & Value** | **Modification** |
| --- | --- | --- | --- | --- | --- | --- |
| Body Section | REQ\_ENT\_VIA | Request Parent Entity ID for Audit | No | Char(6) |  | No |
| Body Section | REQ\_EVENT | Request Event | Yes | Char(2) | CR-New CAN creation  CM – Modification of existing CAN. | No |
| Body Section | CAN | Common Account number | No | Char(10) | Required field for CAN Data Modification | No |
| Body Section | PROOF\_UPLOAD\_BY\_CAN | Whether Proof upload facility to be given to CAN holder, in case of Electronic mode. | Yes | Char(1) | Y-Yes  N-No | No |
| Body Section | ENABLE\_ONLINE\_ACCESS\_FLAG | Whether the enable online access flag facility to be given to CAN Holder, in case of Electronic mode | YES | Char(1) | Y- Yes N- No | No |
| Body Section | EMAIL\_ID | Email ID of entity users to which the communication to be sent. List of Email ids to be provided under group Tag ENTITY\_EMAIL\_DETAILS | No |  |  | No |
| Body Section | REG\_TYPE | CAN Registration Mode | Yes | Char(1) | P - Physical  E – Electronic | No |
| Holder Detail | HOLDING\_TYPE | Holding Type | Yes | Char(2) | AS - Anyone or Survivor JO - Joint  SI - Single | No |
| Holder Detail | INV\_CATEGORY | Investor Category | Yes | Char(1) | I - Individual M - Minor S - Sole-proprietor | No |
| Holder Detail | TAX\_STATUS | Residential Status | Yes | Char(2) | Refer MITM(Tax master Sheet). Column Name : Tax Status | No |
| Holder Detail | HOLDER\_COUNT | Number of Holders | Yes | Number |  | No |
| Holder Record Detail | HOLDER\_TYPE | Holder Type | Yes | Char(2) | PR - Primary SE - Secondary TH -Third GU - Guardian | No |
| Holder Record Detail | NAME | Holder Name | Yes | Char(105) |  | Yes |
| Holder Record Detail | DOB | Holder Date of Birth | Yes | date | Date format is yyyy-mm-dd | Yes |
| Holder Record Detail | PAN\_EXEMPT\_FLAG | Holder PAN Exempt flag | Yes | Char(1) | Y -PEKRN N -PAN | No |
| Holder Record Detail | PAN\_PEKRN\_NO | Holder PAN or PEKRN number | Yes | Char(20) |  | No |
| Holder Record Detail | AADHAAR\_NO | Holder Aadhaar number is to be left blank always. It is no more used / saved in MFU system | No | Char(12) |  | No |
| Holder Record Detail | RELATIONSHIP | Relation | Conditional Mandatory | Char(2) | 01 - Mother  02 - Father  03 - Court Appointed Legal Guardian | Yes |
| Holder Record Detail | REL\_PROOF | Proof | Conditional Mandatory | Char(2) | 01 - Birth Certificate 02 - Ration Card 03 - Passport 04 - PAN Card 05 - Court Order | Yes |
| Holder Record Detail | NOM\_VER\_FLAG | Nominee Verification Flag. If the Entity is enabled for auto verify nominee, the Nominee verify flag is mandatory. Otherwise empty value should be passed | Conditional Mandatory | Char(1) |  | Yes |
| Holder Record Detail | NOM\_VER\_IP | Nominee Verify IP. If the Entity is enabled for auto verify nominee, the Nominee verify IP is mandatory. Otherwise empty value should be passed | Conditional Mandatory | Char(20) |  | Yes |
| **Holder KYC Detail : KYC\_DATA Section Start**  (If the Entity is enabled for KYC Data Flag, the KYC\_DATA section is mandatory. The entity needs to provide the following details.  KYC Status, Residential Address section, Permanent Address Section.  Otherwise KYC\_DATA section tag is not required) | | | | | | |
| Holder KYC Detail (KYC\_DATA) | KYC\_STATUS | PAN KRA KYC Status | Conditional Mandatory | Char(3) | KRG - KRA Registered  VAL - KRA Validated  VRF - Approved-KRA |  |
| KRA Source Detail  (SOURCE\_KRA) | SOURCE\_KRA | Source of KRA | Conditional Mandatory | Char(10) | CAMS  KARVY  CVL  DOTEX  NDML  BSE |  |
| Holder KYC Res Address Detail(RES\_ADDR\_DETAIL) | ADDR1 | Residential Address Line 1 | Conditional Mandatory | Char(120) |  |  |
| Holder KYC Res Address Detail(RES\_ADDR\_DETAIL) | ADDR2 | Residential Address Line 2 | Conditional Mandatory | Char(120) |  |  |
| Holder KYC Res Address Detail(RES\_ADDR\_DETAIL) | ADDR3 | Residential Address Line 3 | No | Char(120) |  |  |
| Holder KYC Res Address Detail(RES\_ADDR\_DETAIL) | CITY | Residential City | Conditional Mandatory | Char(30) |  |  |
| Holder KYC Res Address Detail(RES\_ADDR\_DETAIL) | PINCODE | Residential Pin code | Conditional Mandatory | Char(6) |  |  |
| Holder KYC Res Address Detail(RES\_ADDR\_DETAIL) | STATE | Residential State Code | Conditional Mandatory | Char(4) | Refer State Master Sheet. Refer Column Name : State Code, |  |
| Holder KYC Res Address Detail(RES\_ADDR\_DETAIL) | COUNTRY | Residential Country Code | Conditional Mandatory | Char(3) | Refer Country Master Sheet. Refer Column Name : COUNTRY CODE, |  |
| Holder KYC Res Address Detail(PER\_ADDR\_DETAIL) | ADDR1 | Permanent Address Line 1 | Conditional Mandatory | Char(120) |  |  |
| Holder KYC Res Address Detail(PER\_ADDR\_DETAIL) | ADDR2 | Permanent Address Line 2 | Conditional Mandatory | Char(120) |  |  |
| Holder KYC Res Address Detail(PER\_ADDR\_DETAIL) | ADDR3 | Permanent Address Line 3 | No | Char(120) |  |  |
| Holder KYC Res Address Detail(PER\_ADDR\_DETAIL) | CITY | Permanent City | Conditional Mandatory | Char(30) |  |  |
| Holder KYC Res Address Detail(PER\_ADDR\_DETAIL) | PINCODE | Permanent Pin code | Conditional Mandatory | Char(6) |  |  |
| Holder KYC Res Address Detail(PER\_ADDR\_DETAIL) | STATE | Permanent State Code | Conditional Mandatory | Char(4) | Refer State Master Sheet. Refer Column Name : State Code, |  |
| Holder KYC Res Address Detail(PER\_ADDR\_DETAIL) | COUNTRY | Permanent Country Code | Conditional Mandatory | Char(3) | Refer Country Master Sheet. Refer Column Name : COUNTRY CODE, |  |
| **Holder KYC Detail : KYC\_DATA Section End** | | | | | | |
| Holder Contact Detail | RES\_ISD | Residence ISD Code | No | Number(5) |  | Yes |
| Holder Contact Detail | RES\_STD | Residence STD Code | No | Number(5) |  | Yes |
| Holder Contact Detail | RES\_PHONE\_NO | Residence Phone Number | Conditional Mandatory | Char(15) |  | Yes |
| Holder Contact Detail | MOB\_ISD\_CODE | Mobile ISD Code | No | Number(5) |  | Yes |
| Holder Contact Detail | PRI\_MOB\_NO | Primary Mobile Number | Conditional Mandatory | Char(15) |  | Yes |
| Holder Contact Detail | PRI\_MOB\_BELONGSTO | Primary Mobile Declaration. If the Entity is enabled for contact auto verify, the field is mandatory. Otherwise empty value should be passed | Yes | Char (2) | DC-Dependent Children  DP-Dependent Parents  DP-Dependent Parents  DS-Dependent Siblings  GD-Guardian  SE-Self  SP-Spouse | Yes |
| Holder Contact Detail | ALT\_MOB\_NO | Alternative Mobile Number | No | Char(15) |  | Yes |
| Holder Contact Detail | OFF\_ISD | Office ISD Code | No | Number(5) |  | Yes |
| Holder Contact Detail | OFF\_STD | Office STD Code | No | Number(5) |  | Yes |
| Holder Contact Detail | OFF\_PHONE\_NO | Office Phone Number | Conditional Mandatory | Char(15) |  | Yes |
| Holder Contact Detail | PRI\_EMAIL | Primary Email ID | Conditional Mandatory | Char(100) |  | Yes |
| Holder Contact Detail | PRI\_EMAIL\_BELONGSTO | Primary Email Declaration. If the Entity is enabled for contact auto verify, the field is mandatory. Otherwise empty value should be passed | Yes | Char (2) | DC-Dependent Children  DP-Dependent Parents  DP-Dependent Parents  DS-Dependent Siblings  GD-Guardian  SE-Self  SP-Spouse | Yes |
| Holder Contact Detail | ALT\_EMAIL | Alternative Email ID | No | Char(100) |  | Yes |
| Holder Contact Detail | PRI\_MOB\_VER\_FLAG | Primary mobile verify flag. If the Entity is enabled for contact auto verify, the field is mandatory. Otherwise empty value should be passed | Conditional Mandatory | Char(1) | Y – Verify | Yes |
| Holder Contact Detail | PRI\_EMAIL\_VER\_FLAG | Primary Email verify flag. If the Entity is enabled for contact auto verify, the field is mandatory. Otherwise empty value should be passed | Conditional Mandatory | Char(1) | Y – Verify | Yes |
| Holder Contact Detail | PRI\_MOB\_IP\_ADDR | Primary mobile verified IP Address. If the Entity is enabled for contact auto verify, the field is mandatory. Otherwise empty value should be passed | Conditional Mandatory | Char(20) |  | Yes |
| Holder Contact Detail | PRI\_EMAIL\_IP\_ADDR | Primary Email Verified IP Address. If the Entity is enabled for contact auto verify, the field is mandatory. Otherwise empty value should be passed | Conditional Mandatory | Char(20) |  | Yes |
| Holder Contact Detail | PRI\_MOB\_VER\_TS | Primary mobile verified Timestamp. If the Entity is enabled for contact auto verify, the field is mandatory. Otherwise empty value should be passed. | Conditional Mandatory | date time | The date time format should be YYYY-MM-DD HH:MM:SS | Yes |
| Holder Contact Detail | PRI\_EMAIL\_VER\_TS | Primary Email verified Timestamp. If the Entity is enabled for contact auto verify, the field is mandatory. Otherwise empty value should be passed | Conditional Mandatory | date time | The date format should be YYYY-MM-DD HH:MM:SS | Yes |
| Additional KYC Details | GROSS\_INCOME | Gross Annual Income | Conditional Mandatory | Char(2) | 01 - BELOW 1 LAC  02 - 1-5 LAC  03 - 5-10 LAC  04 - 10-25 LAC 05 - 25 Lacs to 1 Cr  06 - Greater than 1 Cr | Yes |
| Additional KYC Details | NET\_WORTH | Net Worth | Conditional Mandatory | Number(11) |  | Yes |
| Additional KYC Details | NET\_DATE | Net Worth Date | Conditional Mandatory | date | Date format is yyyy-mm-dd | Yes |
| Additional KYC Details | SOURCE\_OF\_WEALTH | Source of Wealth | No | Char(2) | 01 - Salary 02 - Bussiness Income 03 - Gift  04 - Ancestral Property  05 - Rental Income  06 - Prize Money 07 - Royalty  08 – Others | Yes |
| Additional KYC Details | SOURCE\_OF\_WEALTH\_OTH | Source of Wealth Other | Conditional Mandatory | Char(50) |  | Yes |
| Additional KYC Details | KRA\_ADDR\_TYPE | Type of Address given at KRA | Yes | Char(1) | 1 - Residential or Business 2 - Residential 3 - Business 4 - Registered Office | Yes |
| Additional KYC Details | OCCUPATION | Occupation | Yes | Char(2) | 01 - Private Sector Service  02 - Public Sector  03 - Business  04 - Professional  05 - Agriculturist  06 - Retired  07 - Housewife  08 - Student  09 - Forex Dealer  10 - Government Service  99 - Others  11 - Doctor  12 - Service | Yes |
| Additional KYC Details | OCCUPATION\_OTH | Occupation Other | Conditional Mandatory | Char(50) |  | Yes |
| Additional KYC Details | PEP | PEP Status | Yes | Char(4) | PEP - Politically Exposed Person  RPEP - Related to Politically Exposed Person  NA - Not Applicable | Yes |
| Additional KYC Details | ANY\_OTH\_INFO | Any Other Information | No | Char(100) |  | Yes |
| FATCA Detail | BIRTH\_CITY | Place of Birth | Yes | Char(60) |  | Yes |
| FATCA Detail | BIRTH\_COUNTRY | Country of Birth | Yes | Char(3) | Refer Country Master Sheet. Refer Column Name : COUNTRY CODE, | Yes |
| FATCA Detail | BIRTH\_COUNTRY\_OTH | Country of Birth other | Conditional Mandatory | Char(50) |  | Yes |
| FATCA Detail | CITIZENSHIP | Citizenship | Yes | Char(3) | Refer Country Master Sheet. Refer Column Name : COUNTRY CODE, | Yes |
| FATCA Detail | CITIZENSHIP\_OTH | Citizenship Other | Conditional Mandatory | Char(50) |  | Yes |
| FATCA Detail | NATIONALITY | Nationality | Yes | Char(3) | Refer Country Master Sheet. Refer Column Name : COUNTRY CODE, | Yes |
| FATCA Detail | NATIONALITY\_OTH | Nationality Other | Conditional Mandatory | Char(50) |  | Yes |
| FATCA Detail | TAX\_RES\_FLAG | Are you tax resident of any country other than India. If Tax Resident is “Y” Tax Record Detail is Mandatory. | Yes | Char(1) | Y - Yes N - No | Yes |
| FATCA Tax Record | SEQ\_NUM | Tax Record Sequence Number | Conditional Mandatory based on TAX\_RES\_FLAG | Number(3) |  | No |
| FATCA Tax Record | TAX\_COUNTRY | Tax Details Country | Conditional Mandatory based on TAX\_RES\_FLAG | Char(3) | Refer Country Master Sheet. Refer Column Name : COUNTRY CODE, | Yes |
| FATCA Tax Record | TAX\_COUNTRY\_OTH | Tax Country Other | Conditional Mandatory based on TAX\_RES\_FLAG | Char(50) |  | Yes |
| FATCA Tax Record | TAX\_REF\_NO | Tax Reference Number | Conditional Mandatory based on TAX\_RES\_FLAG | Char(20) |  | Yes |
| FATCA Tax Record | IDENTI\_TYPE | Identification Type | Conditional Mandatory based on TAX\_RES\_FLAG | Char(1) | 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  T - TIN  X - Not categorized | Yes |
| FATCA Tax Record | IDENTI\_TYPE\_OTH | Identification Type Other | Conditional Mandatory based on TAX\_RES\_FLAG | Char(50) |  | Yes |
| ARN Details | ARN\_NO | ARN Code | NO | Char(15) |  | Yes |
| ARN Details | RIA\_CODE | RIA Code | No | Char(12) |  | Yes |
| ARN Details | EUIN\_CODE | EUIN Code | No | Char(20) |  | Yes |
| CONSENT\_DETAILS | DATA\_SET | Consent Data Set | Conditional Mandatory | Char(2) | CD - CAN Data Set  PD - PayEezz Data  MF - Mapped Folio  HD - Holding Data  If Either ARN or RIA code is attached in request, consent Detail array is mandatory.  CONSENT\_DETAILS array all the 4 Data set should be there enabled or disabled for data set | Yes |
| CONSENT\_DETAILS | ENABLED\_CONSENT | Consent Data Set Enabled Flag | Conditional Mandatory | Char(1) | Y - Consent is enabled for the given Data set  N - Consent is not enabled | Yes |
| DP Details | NSDL\_DP\_ID | NSDL DP ID | Conditional Mandatory | Char(8) |  | Yes |
| DP Details | NSDL\_CLIENT\_ID | NSDL Client ID | Conditional Mandatory | Char(8) |  | Yes |
| DP Details | NSDL\_PROOF\_ID | NSDL Proof document ID | Conditional Mandatory | Char(2) | 34 - Statement of Accounts  79 - Client Master Report | Yes |
| DP Details | NSDL\_VER\_FLAG | NSDL Verify Flag | Conditional Mandatory | Char(1) | Y –Yes  N - No | Yes |
| DP Details | CDSL\_DP\_ID | CDSL DP ID | Conditional Mandatory | Char(8) |  | Yes |
| DP Details | CDSL\_CLIENT\_ID | CDSL Client ID | Conditional Mandatory | Char(8) |  | Yes |
| DP Details | CDSL\_PROOF\_ID | CDSL Proof document ID | Conditional Mandatory | Char(2) | 34 - Statement of Accounts  79 - Client Master Report | Yes |
| DP Details | CDSL\_VER\_FLAG | CDSL Verify Flag | Conditional Mandatory | Char(1) | Y –Yes  N - No | Yes |
| Bank Details | SEQ\_NUM | Bank Sequence Number | Yes | Number(2) |  | No |
| Bank Details | DEFAULT\_ACC\_FLAG | Default Account | Yes | Char(1) | Y - Checked N - Not Checked | Yes |
| Bank Details | ACCOUNT\_NO | Default Bank Account Number | Yes | Char(20) |  | Yes |
| Bank Details | ACCOUNT\_TYPE | Account Type | Yes | Char(4) | Refer MITM(Tax master Sheet). Column Name : Bank Account Type | Yes |
| Bank Details | BANK\_ID | Bank Id | Yes | Char(4) | RBI Bank ID | Yes |
| Bank Details | MICR\_CODE | MICR Code | Yes | Char(9) | RBI Bank MICR Code | Yes |
| Bank Details | IFSC\_CODE | IFSC Code | Yes | Char(11) | RBI Bank IFSC Code | Yes |
| Bank Details | PROOF | Bank Proof | Yes | Char(2) | 14 - Latest Bank Passbook  15 - Latest Bank Account Statement  77 - Cheque Copy 78 - Bank Letter | Yes |
| Bank Details | RUP\_VER\_FLG | Rupee Drop Verify Flag. Future Purpose. Always empty value should be passed. | Conditional Mandatory | Char(1) |  | Yes |
| Bank Details | RUP\_BENE\_NAME | Rupee Drop Beneficiary name.  If the Entity is enabled for Rupee Drop, the field is mandatory. Otherwise empty value should be passed | Conditional Mandatory | Char(105) |  | Yes |
| Bank Details | RUP\_THRESHOLD | Name Matching threshold value. If the Entity is enabled for Rupee Drop, the field is mandatory. Otherwise empty value should be passed | Conditional Mandatory | Numeric(3,2) |  | Yes |
| Bank Details | RUP\_IP\_ADDR | Rupee Drop IP Address. If the Entity is enabled for Rupee Drop, the field is mandatory. Otherwise empty value should be passed | Conditional Mandatory | Char(20) |  | Yes |
| Bank Details | RUP\_TS | Rupee Drop Verified Timestamp.  If the Entity is enabled for Rupee Drop, the field is mandatory. Otherwise empty value should be passed | Conditional Mandatory | Date Time | The date time format should be YYYY-MM-DD HH:MM:SS | Yes |
| Nominee Detail | NOM\_DECL\_LVL | Nominee Declaration Level flag | Conditional Mandatory Based on INV\_CATEGORY. For Minor not applicable. For minor empty tag | Char(1) | C – CAN Level  F – Folio Level | Yes |
| Nominee Detail | NOMIN\_OPT\_FLAG | **I do not intend to nominate** |  | **Char(1)** | Y - Checked N - Not Checked  X - I/We do not wish to Nominate under CAN | Yes |
| Nominee Detail | NOM\_VERIFY\_TYPE | **Nominee verification type** | Conditional Mandatory Based on INV\_CATEGORY.For Minor empty tag. If Nominee Opt flag is Y or N , Nominee verification value should be P or E. For X case the value should be empty or X | **Char(1)** | P - Physical Form  E - Nominee 2FA  X - Not applicable | Yes |
| Nominee Record Detail | SEQ\_NUM | Nominee Record Sequence Number | If Nominee Record is there The below details are mandatory | Number(1) |  | No |
| Nominee Record Detail | NOMINEE\_NAME | Nominee Name | Yes | Char(105) |  | Yes |
| Nominee Record Detail | RELATION | Nominee Relation | Yes | Char(5) | MFU01 - FATHER  MFU02 - MOTHER  MFU03 - COURT APPOINTED LEGAL GUARDIAN  MFU04 - AUNT  MFU05 - BROTHER-IN-LAW  MFU06 - BROTHER  MFU07 - DAUGHTER  MFU08 - DAUGHTER-IN-LAW  MFU09 - FATHER-IN-LAW  MFU10 - GRAND DAUGHTER  MFU11 - GRAND FATHER  MFU12 - GRAND MOTHER  MFU13 - GRAND SON  MFU14 - MOTHER-IN-LAW  MFU15 - NEPHEW  MFU16 - NIECE  MFU17 - SISTER  MFU18 - SISTER-IN-LAW  MFU19 - SON  MFU20 - SON-IN-LAW  MFU21 - SPOUSE  MFU22 - UNCLE  MFU23 - OTHERS | Yes |
| Nominee Record Detail | PERCENTAGE | Nominee Percentage | Yes | Char(3) |  | Yes |
| Nominee Record Detail | DOB | Nominee Date of birth | Yes | date | Date format is yyyy-mm-dd | Yes |
| Nominee Record Detail | NOM\_GURI\_NAME | Nominee Guardian Name | If Nominee DOB is less than 18,Guardian details are mandatory | Char(105) |  | Yes |
| Nominee Record Detail | NOM\_GURI\_REL | Nominee Guardian Relation | If Nominee DOB is less than 18,Guardian details are mandatory | Char(5) | MFU24 - FATHER  MFU25 - MOTHER  MFU26 - COURT APPOINTED LEGAL GUARDIAN  … For More values Refer eCAN\_Attribute\_mapping sheet. | Yes |
| Nominee Record Detail | NOM\_GURI\_DOB | Nominee Guardian Date of birth | If Nominee DOB is less than 18,Guardian details are mandatory | date | Date format is yyyy-mm-dd | Yes |

**Note**: If the XML tag name is optional or non-mandatory, then empty tag to be mentioned

For eg: XML tag name : ALT\_MOB\_NO is non mandatory field, then in the request XML the empty tag to be mentioned as follows:

< ALT\_MOB\_NO />

The data elements, definitions and standardized value master are given in the below embedded excel file.



* The CAN requested should be sent through web service in XML format.
* User Login creation online access has been added with the parameter Yes or No.
* If the online access flag is “Y” and the ARN details are available, then this will defined as Distributor Initiated Login
* If the online access flag is “Y” and the RIA details are available then this will be defined as RIA Initiated Login
* If the online access flag is “Y” and the ARN/RIA details are blank then this will be defined as MFU Initiated Login
* If the Online access flag is “Y” and the given ARN or RIA are not registered with MFU then this will be defined as MFU Initiated Login
* This is to identify whether the user login creation to be performed or not. Sample XML file and XML Schema Definition (xsd) file are embedded here for reference.

**Sample XML File – Individual CAN creation Request**:



**XML Schema Definition – Individual CAN creation Request**:



## CAN Response – From MFU to Entity:

Once CAN received from entity through web service, MFU will validate the data and if they are in good order, provisional CAN will be created and communicated back to entity.

* If the request is successfully processed, the provisional CAN will be communicated back. For success, the value of <RES\_CODE> is “0”.

<RES\_CODE>0</RES\_CODE>

<RES\_MSG></RES\_MSG>

* If the request is rejected for deficient data, the rejected status and the reason for rejection will be communicated back. For rejection, the value of <RES\_CODE> is “1” and the reason will be provided in <RES\_MSG>.

<RES\_CODE>1</RES\_CODE>

<RES\_MSG>REASON</RES\_MSG>

The above communication will also be through web service which should be handled by the entity to show the status / message to the user in UI.

Sample XML file for CAN response and XML schema definition files are embedded below.

**Sample XML File – CAN Response:**



**XML Schema Definition – CAN Response**



## CAN Data Status Request – From Entity to MFU:

When CAN request is received by MFU, only sensitive data elements that are required for creation of CAN are validated first and if they are in good order, provisional CAN is created. Other data elements are validated subsequently. This process is followed to minimize the process time and waiting time of the user.

The data elements that are considered for CAN creation have been mentioned in the excel attached in section 3.1.

There are possibilities that other data elements may not be in good order which will be found only after communicating provisional CAN to the user.

These exceptions can be obtained from MFU by the entity by sending CAN Data Status Request. Entity may have the mechanism to send this request and to receive the response from MFU.

**Sample XML File – CAN Data Status Request :**



**XML Schema Definition File – CAN Data Status Request:**



## CAN Data Status Response – From MFU to Entity:

When CAN Data Status request is received from entity, as described in section 3.3, the response will be sent back to entity by MFU in the format embedded below. This file will have the exceptions in the CAN data provided by the entity. These exceptions can be set right by entity by sending back the corrected details / data through CAN Filleezz request under “Modification” mode described in the next section.

**Sample XML File – CAN Data Status Response**:



**XML Schema Definition File – CAN Data Status Response :**



## CAN Modification Request: From Entity to MFU

Modification of existing CAN data is facilitated through this request. If the entity wants to modify the existing CAN data, they can send request under this service. This service is same as CAN creation request, except, request event which should be “CM” (CAN modification).

The modifications will not be permitted once the CAN request is successfully verified by MFU BO Users.

**Sample XML File – CAN Modification Request:**

CAN Modification XML is same as CAN Request XML with Request Type tag provided as CM.

**XML Schema definition File – CAN Modification Request:**

XML Schema definition file for CAN Modification Request is same as CAN Registration Request.

The corrected records should be provided with all data elements in the particular block / section which will be replaced with new values. For example section contact details has the following 19 data elements.

<CONTACT\_DETAIL>

<RES\_ISD></RES\_ISD>

<RES\_STD></RES\_STD>

<RES\_PHONE\_NO></RES\_PHONE\_NO>

<MOB\_ISD\_CODE></MOB\_ISD\_CODE>

<PRI\_MOB\_NO></PRI\_MOB\_NO>

<PRI\_MOB\_BELONGSTO></PRI\_MOB\_BELONGSTO>

<ALT\_MOB\_NO></ALT\_MOB\_NO>

<OFF\_ISD></OFF\_ISD>

<OFF\_STD></OFF\_STD>

<OFF\_PHONE\_NO></OFF\_PHONE\_NO>

<PRI\_EMAIL></PRI\_EMAIL>

<PRI\_EMAIL\_BELONGSTO></PRI\_EMAIL\_BELONGSTO>

<ALT\_EMAIL></ALT\_EMAIL>

<PRI\_MOB\_VER\_FLAG></PRI\_MOB\_VER\_FLAG> <PRI\_EMAIL\_VER\_FLAG></PRI\_EMAIL\_VER\_FLAG> <PRI\_MOB\_IP\_ADDR></PRI\_MOB\_IP\_ADDR> <PRI\_EMAIL\_IP\_ADDR></PRI\_EMAIL\_IP\_ADDR> <PRI\_MOB\_VER\_TS></PRI\_MOB\_VER\_TS> <PRI\_EMAIL\_VER\_TS></PRI\_EMAIL\_VER\_TS>

</CONTACT\_DETAIL>

Even though the correction is not in all 19 data elements, while sending modification request, the entity should provide this block in entirety with all 19 values. i.e. MFU will modify the records only on section level not on data element level.

## CAN Modification Response: From Entity to MFU

The response for the modification from MFU is same as described in section 3.2.

## CAN Image Upload Request: From Entity to MFU

Entities who wish to upload the proof images of CAN being registered, they can do so electronically using this URL Using this URL, entity may upload all the proof images one by one.

The URL to upload the proof image is as below:

https://<IP/DOMAIN>/ MFUImageServerUpload

In the above URL, IP/Domain is that of MFU System (Test Or Live) as provided by MFU when the entity is configured for electronic CAN image upload.

* Image upload request will support multipart/form data and POST Method only.
* The allowed image type formats are GIF, JPG ,JPEG, PNG, BMP files only
* Image Proof size should not be exceed 500 kb

The following parameters shall be submitted with the HTTP POST Request:

| **Parameter** | **Description** | **Mandatory** | **Sample Values** |
| --- | --- | --- | --- |
| param1 | Login User Id - User Login Id of the Entity which is registered with MFU. This login id is the separate id provided for eCAN / Electronic image upload at the time of setting up the entity in MFU system. This upload user id cannot be used for regular login in the system. | Yes | DEMOUSR1 |
| param2 | Encrypted Password - The corresponding user password should be encrypted with a symmetric key using AES/ECB/PKCS5Padding algorithm. MFU will provide the symmetric key for password encryption. (Utility program code is Attached below for reference).  If login credentials are invalid, the request will not be processed and the error will be thrown. | Yes | dLr0Warmk1Tr5xcML7PsZw== |
| param3 | Entity ID -The Entity ID which is registered with MFU | Yes | DEM0301 |
| param4 | Module ID - Indicating the type of module for which image is uploaded. Value should be ECAN | Yes | ECAN |
| param5 | Event Type of the Image  Possible values are  AD -> Upload New Proof Image for the CAN  UP -> Update Existing Proof Image for the CAN  DE -> Delete the existing Proof Image for the CAN | Yes | AD  UP  DE |
| param6 | CAN - CAN Id for which the proof image is uploaded. Sample value given | Yes | 11110PQA01 |
| param7 | Image Reference Number .  This field is mandatory for Update and Delete event only. For Add event it should be empty.  In Case of Update, Old Image will not be available in MFU System. | Conditional | A65748 |
| Param8 | Module Related information to indicate the type of proof being uploaded. Possible values are:  1#PC -> Copy of PAN of all Holder(s)/Guardian  2#BP -> Proof of Bank Account provided  3#BC -> Minor Birth Certificate proof  4#FA -> Document proof related to other information submitted for eCAN  8#NF -> Nomination Form  Please note that the number and # symbol are part of values. For PAN Proof the value should be 1#PC and for Birth Certificate it will be 3#BC | Yes | 2#BP |
|  | Input Stream (Image File Data) – ECAN |  |  |

## 

**Sample Request for Electronic eCAN Image upload**

Request URL : https://<IP/DOMAIN>/ MFUImageServerUpload

**Post Parameters**:-

param1 = DEMOUSR1

param2 = dLr0Warmk1Tr5xcML7PsZw==

param3 = DEM0301

param4 = ECAN

param5 = AD

param6 = 11110PQA01

param7 = A65748

param8 = 1#PC

<InputStream of eCAN proof Image data>

## Image Upload Response – eCAN Proof Image

For the eCAN Proof Image upload, there will be a response from the MFU with the image reference number (system generated in case of fresh Image upload).

The response will be of JSON string. The response status may be interpreted as below:

1. If the response code s zero(0), then the result is success and the image reference number will be provided for reference and all the details will be provided in JSON format.
2. If the response code is not zero ( !=0) then the result is failure and the reasons for failure will be provided in JSON format with the error code and error message. For failure status, the image reference number will not be provided.

For the response code is"0" - File upload is success and the file name will appear in the JSON success response.

**Sample JSON Response for Success**

**For upload Image (add)**

{"result":"Success","responseCode":"0","imageRefNo":"ECA18276BC001","responseMsg":"Image is uploaded successfully"}

**For Delete Image**

{"result":"Success","responseCode":"0","imageRefNo":"ECA18276BC001","responseMsg":"Image is deleted successfully"}

**For Update Image (Replace)**

{"result":"Success","responseCode":"0","imageRefNo":"ECA18276BC001","responseMsg":"Image is updated successfully"}

| **Parameters** | **Description** | **Sample Values** |
| --- | --- | --- |
| Result | This attribute define the result whether success or Failure of the image upload | Success |
| Response code | Response code will be Zero (0) for success always | 0 |
| Image Reference number | In case of upload, image reference number will be generated and provided. For Delete and Update action, the same image reference number sent by entity will be returned. | ECA18276BC001 |
| Response Message | Text of the Response | Image is Uploaded successfully |

**Sample JSON File Upload Response for Failure**

{"result":"Failure","responseCode":"weberror.65012","errorMsg":"Invalid User ID","fileName":""}

Any non-zero response code means the image upload is unsuccessful. Response code will be provided along with the error message. The image reference number will be blank for the failure result.

| **Parameters** | **Description** | **Sample Values** |
| --- | --- | --- |
| Result | This attribute define the result whether success or Failure of the image upload | Failure |
| Response code | Response Error code of the Message | weberror.65012 |
| Error Msg | Description of the Response code | Invalid User ID |

**The possible error codes that will be provided in the response are as follows:**

| **Response Error Code** | **Description** |
| --- | --- |
| servererror.13020 | Invalid Logon Credentials |
| weberror.65012 | Invalid User ID |
| weberror.65008 | User Password Expired |
| weberror.65039 | Invalid Module ID |
| weberror.65047 | Invalid Event Type |
| weberror.65045 | Image is Required for Upload |
| weberror.65044 | Invalid Image Format |
| weberror.65043 | Image Reference Number Required |
| weberror.65035 | Invalid CAN |
| weberror.65042 | Invalid Module Related Details |
| weberror.65048 | Image Reference Number Not Required |
| weberror.65049 | Image size should not exceed more than 500 KB |
| javaservererror.900211 | Invalid Image Reference Number |
| Javaservererror.10500 | General Exception |
| javaservererror.900154 | Maximum proof upload count is exceeded |
| javaservererror.900174 | CAN is Locked for Verification. |
| javaservererror.900029 | Invalid CAN |
| javaservererror.900149 | You are not authorized to access this link anymore as your eCAN Registration request has been converted from COMPLETELY ELECTRONIC to PARTIALLY ELECTRONIC due to some deficiencies/discrepancies in the data / proof documents uploaded by you.An email has been sent on your registered email ID notifying the same with a pre-filled CAN Registration Form, which may be printed and submitted physically with Necessary document proofs to your distributor/RIA or a MFU Point of Service. |

# Model Implementation Activity & Checklist

The Model Implementation activities include the following:

| **Tasks** | **Action By** |
| --- | --- |
| Brief walk through on the Specifications | MFU & Entity |
| Sign-off Agreement with MFU for eCAN Services | Entity & MFU |
| Entity UAT readiness | Entity |
| Integration Checklist Sharing with UAT URL & UAT Symmetric Key for interfacing | MFU & Intellect |
| MFU UAT environment readiness | MFU |
| Integration testing by customer & Application team | MFU, Intellect & Entity |
| Go Live Planning | MFU & Intellect |
| **GO Live Support**  Support for First week of Live | MFU & Intellect |
| Further support on Live implementation | MFU |

## eCAN Integration Model Checklist Template - UAT

| **eCAN ( Paperless CAN) Creation Integration Checklist - UAT** | | |
| --- | --- | --- |
| **Test Environment Details for the Entity eCAN Creation Integration** | | |
| **Description** | **Remarks** | **Action By** |
| Entity ID | Will be provided during the UAT Testing | MFU |
| Entity Name | Name of the Entity | Entity |
| Login ID | Will be provided during the UAT testing | MFU |
| Login Password | Will be provided during the UAT testing | MFU & Intellect |
| Symmetric key (for password encryption) | Will be provided during the UAT testing | MFU & Intellect |
| Test Environment URL | Will be provided during the UAT testing | MFU |
| Sample URL Call(for Login) | Will be provided during the UAT testing | Intellect |
| Entity Email ID | To receive the CAN Fillable PDF form of CAN Creation via Email | Entity |
| Proof Upload Link confirmation in Response XML | To be confirmed by Entity, if the Entity wishes to receive the proof upload link in response XML .  Yes- Proof upload link will be part of response XML  No - Proof upload link will not be part of response | Entity |
|  |  |  |
| **Contacts for Support / Queries** | | |
| Business Flow / Operational queries on eCAN | You may contact authorized SPOC from MFU on any queries or issues pertaining to business flow / operational flow. Details will be shared to you in checklist during Integration testing | MFU |

## eCAN Integration Model Checklist Template - Production

| **eCAN ( Paperless CAN) Creation Integration Checklist – Production** | | |
| --- | --- | --- |
| **Prod Environment Details for the Entity eCAN Integration** | | |
| **Description** | **Remarks** | **Action By** |
| Entity ID | Will be provided during Live | MFU |
| Entity Name | Name of the Entity | Entity |
| Login ID | Will be provided during Live | MFU |
| Login Password | Will be provided during Live | MFU & Intellect |
| Symmetric key (for password encryption) | Will be provided during Live | MFU & Intellect |
| Production Environment URL | Will be provided during Live | MFU |
| Sample URL Call(for Login) | Will be provided during Live | Intellect |
| Entity Email ID | To receive the CAN Fillable PDF form of CAN Creation via Email | Entity |
| Proof Upload Link confirmation in Response XML | To be confirmed by Entity, if the Entity wishes to receive the proof upload link in response XML .  Yes- Proof upload link will be part of response XML  No - Proof upload link will not be part of response | Entity |
|  |  |  |
| **Contacts for Support / Queries** | | |
| Business Flow / Operational queries on eCAN | You may contact authorized **SPOC from MFU** on any queries or issues pertaining to business flow / operational flow. vinod@mfuindia.in | MFU |