

VELOCITY 2

REST API ONEBC OMNI CHANNEL

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Document Information

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|---------------|---------------|----------------------|-------------|
| Status | Draft | Document Date | 28 May 2019 |
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Authorisation

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Distribution List

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| 1. | | | |

Change History

| Version | Impl. Date | Authors | Summary of Changes |
|---------|---------------|---------------|--|
| 0.1 | 25 April 2019 | Angga Bastian | Initial draft |
| 0.2 | 28 May 2019 | Angga Bastian | Reformat document Additional message spesification |
| 0.3 | 31 May 2019 | Angga Bastian | Update token resource Rename response field to become more consistent |
| 0.4 | 10 Jun 2019 | Angga Bastian | Remove user/unbind operation Added user/device operation Added usr_domain field to user/authentication response. Added challenge_code field to token/cr/request response. Remove response_code field to token/cr/verify request. Added response_code field to token/cr/verify request. Added id field on Account object. Updated Transaction object. Refactor field name *account* become *acct* . Added trx_data and error_message field on onfx/post response Updated ONFX Rate object |
| 0.5 | 17 Jun 2019 | Angga Bastian | Updated user_state condition for force change password on user/authenticate operation. Added detailed description for force change password condition ¹ . Added Others resource. Added FAQ Object. Added total_item field on Transaction object. Added transaction/check cot operation. Added Appendix information. Added acct mgmt/statement/download operation. Updated Task List resource to accommodate non-transaction task list Added Non-Transaction Task object. Added Appendix . Added transaction/check cot operation. |
| 0.6 | 25 Jun 2019 | Angga Bastian | Added others/tnc operation. Added File object definition. Updated user/image operation. Set org_cd and usr_cd parameter as not mandatory in holiday resource. |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|-------------|---------------|--|
| 0.7 | 1 Jul 2019 | Angga Bastian | <p>Added period_from and period_to parameter on fxrate/inquiry operation.</p> <p>Added parameter pymt_master_id on others/tnc operation.</p> <p>Updated Transaction object to cover more type/source of transaction.</p> <p>Updated transaction type list definition (Appendix 15.1).</p> <p>Updated ONFX response.</p> |
| 0.8 | 3 Jul 2019 | Angga Bastian | <p>Updated task_list/list_trx operation.</p> <p>Added Transaction Status appendix.</p> <p>Updated Transaction object.</p> <p>Updated Payment Request Object.</p> |
| 0.9 | 4 Jul 2019 | Angga Bastian | <p>Added transaction/view_status and transaction/summary operation</p> <p>Rename Task Status Count become Transaction Status Count</p> |
| 0.10 | 4 Jul 2019 | Angga Bastian | <p>Updated Transaction object.</p> |
| 0.11 | 5 Jul 2019 | Angga Bastian | <p>Updated notification/board/list request parameter.</p> <p>Updated default authorization/list_pending_trx request parameter</p> <p>Updated Transaction object</p> |
| 0.12 | 16 Jul 2019 | Angga Bastian | <p>Updated authorization/list_pending_trx request.</p> <p>Updated transaction/future_dated request.</p> <p>Added notification/push/send operation.</p> <p>Updated product code appendix.</p> <p>Updated acct_mgmt/list operation to get list of time deposit account.</p> <p>Updated Account object.</p> <p>Rename transaction/summary operation become transaction/item_summary.</p> <p>Added transaction/data_list operation.</p> <p>Updated onfx/post request.</p> |
| 0.13 | 25 Jul 2019 | Angga Bastian | <p>Separate response message description in English and Bahasa Indonesia.</p> <p>Added software token registration operation.</p> <p>Added submit transaction fund transfer operation.</p> |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|------------|---------------|---|
| 0.14 | 30 July | Didik Hartono | <p>Customer Token Inquiry Changes: add is_default</p> <p>Added in "Token": Software Token Eligibility, Switch Default Active Token</p> <p>Added in "Others": Get list of Banks, Get list of Billing Organization, Get Country List, Get Regulatory Information Data</p> <p>Added in "Transaction": Get Funds Transfer Beneficiary List, Get Bill Presentment Beneficiary List</p> |
| 0.15 | 02 Aug | Didik Hartono | <p>Term and Conditions Changes, remove GNRL Type. Each Type will represent a specific Activity where customer confirmation required to be captured for auditing purpose.</p> <p>Added in "Others": Confirmation of Term and Conditions</p> |
| 0.16 | 08 Aug | Didik Hartono | <p>Changes in "Others": Get list of Banks. Split transfer type for domestic banks into RTGS and LLG</p> |
| 0.17 | 08 Aug | Aji Perdana | <p>Update Submit Funds Transfer Transaction operation.</p> <p>Added Submit Transaction Payment (Bill Presentment and ETAX) operation.</p> <p>Added Biller List (Bill Presentment)</p> |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|------------|---------------|---|
| 0.18 | 12 Aug | Didik Hartono | <p>Remove duplicates Biller List (Bill Presentment), already defined in Get list of Billing Organization</p> <p>Authenticate Changes: add response field "org_name" (Organization Name), to be used as default "Sender Name" in RTGS/LLG/TT and "org_addr1", "org_addr2", "org_addr3" for TT</p> <p>Update Submit Funds Transfer Transaction operation. Bene_bank_code extended to 10 digits length</p> <p>Changes in Account Inquiry : Add request field "balance_check" and response field "acct_status".</p> <p>Changes in Account Summary List: Add response field "acct_status".</p> <p>Changes in Inquiry Online Transfer: Add "beneficiary_name" response field</p> <p>Changes in Inquiry Bill Payment, Submit Transaction Payment (Bill Presentment and ETAX), Inquiry Online Transfer, and Submit Funds Transfer Transaction : change description for screen data field with "TEXT" into JSON data object</p> <p>Add Appendix JSON data object for Screen Data of Bill Presentment and Online Transfer</p> |
| 0.19 | 14 Aug | Didik Hartono | <p>Changes in Submit Funds Transfer Transaction, add description to explain that the specific field is retrieved from regulatory info data</p> <p>Changes in Authenticate : Add response field "purchase_fcy" Boolean.</p> |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|------------|-------------------|--|
| 0.20 | 16 Aug | Didik Hartono | <p>Changes in Inquiry Bill Payment, request payload: "cust_ref" becomes optional and "amount" is conditionally mandatory when biller flow type = 0</p> <p>Changes in Inquiry Online Transfer, request payload: "cust_ref" becomes optional and add "lang" field</p> <p>Changes in Check Cut Off Time, request payload: add "org_cd" and "usr_cd"</p> <p>Changes in Generate Bank Reference, request payload: add "org_cd" and "usr_cd"</p> |
| 0.21 | 19 Aug | Aji Perdana Putra | <p>Change in Software Token Pre-Bind1, Software Token Pre-Bind2, Software Token Postbind, and Software Token Eligibility request payload</p> <p>Add Software Token Delete Service (Reserved for future use).</p> <p>Update Product Description (ID and EN) in Product Code / Transaction Type</p> |
| 0.22 | 20 Aug | Didik Hartono | <p>Add in description in 2 language in response payload for Get Regulatory Information Data</p> <p>Amend description in Submit Funds Transfer Transaction, "Resident Status" is mandatory for RTGS, LLG and TT</p> |
| 0.23 | 21 Aug | Aji Perdana Putra | <p>Add "biller_code" request payload (optional) in Get Bill Presentment Beneficiary List to match with the list of payee displayed after customer selecting the biller from the beginning</p> <p>Add "bene_bank_branch" in Transaction</p> <p>Add "billing_id" in Payee List (Bill Presentment)</p> |
| 0.24 | 23 Aug | Aji Perdana Putra | <p>Add "bene_bank_city", "bene_bank_country", "start_collect_date", "end_collect_date" in Transaction</p> <p>Change length of "purpose_name_en", "purpose_name_id" in Payment Purpose List (Regulatory)</p> |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|------------|-------------------|---|
| 0.25 | 28 Aug | Didik Hartono | <p>Changes in Submit Funds Transfer Transaction , add request field "template_name"</p> <p>Changes in Submit Transaction Payment (Bill Presentment and ETAX) , add request field "template_name" (as nick_name for save as payee)</p> <p>Changes in Get Bill Presentment Beneficiary List, add request field "group_name" (able to query list of payees according to biller group)</p> <p>Use Software Token Delete for device unbind if customer has software token provisioned in that device</p> |
| 0.26 | 29 Aug | Didik Hartono | Add Reset Password API |
| 0.27 | 30 Aug | Didik Hartono | Changes in Get list of Billing Organization , add response fields "category" id", "biller_title_id", "biller_title_en", "biller_info_id" and "biller_info_en" in Billing Organization List according to Payments VD to display billing information |
| 0.28 | 10 Sept | Didik Hartono | Changes in Submit Funds Transfer Transaction , data type for field "resident_status" should be String (2) |
| 0.29 | 11 Sept | Didik Hartono | Changes in Submit Funds Transfer Transaction , Sender Name is also mandatory for OLT |
| 0.30 | 19 Sept | Aji Perdana Putra | <p>Changes in Submit Funds Transfer Transaction, Add bene_bank_address2 and bene_bank_address3</p> <p>Changes in Submit Funds Transfer Transaction, bene_name is mandatory for product RTGS, LLG, IFT, and TT</p> <p>Changes in Submit Funds Transfer Transaction, bene_bank_address is mandatory for product RTGS, LLG, and TT</p> |
| 0.31 | 23 Sept | Aji Perdana Putra | <p>Changes in Beneficiary List (Fund Transfer), Add province_code and city_code</p> <p>Change in Payment Request Object, Add "action_cd" "V" for Verify Process</p> |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|-------------|-------------------|---|
| 0.32 | 15 Nov | Aji Perdana Putra | <p>Add Service Update Status FundTransfer Transaction</p> <p>Add Service Update Status Payment Transaction</p> <p>Add Service Add Transaction Notes</p> <p>Add Service Delete Transaction Notes</p> <p>Add Service Download Payment Receipt</p> <p>Add Service FavoriteAccount List</p> <p>Add Some Fields on Transaction Object</p> <p>Add Field trx_status on Request Parameter Service Transaction Item Summary</p> <p>Add Field list_prod_cd on Account Object</p> <p>Add Field pymt_master_id on Request Object for Service Transaction List , Data List , and List Pending Verification / Authorization</p> <p>Edit Description for field branch_name on Bank List Service</p> <p>Add value_date_from and value_date_to on Service Transaction List</p> |
| 0.33 | 28 Nov 2019 | Aji Perdana Putra | <p>Add Service Get Bank Swift</p> |
| 0.34 | 4 Dec 2019 | Steven Juan | <p>Merge Service Update Status Payment Transaction and Update Status FundTransfer Transaction to Update Status Transaction</p> <p>Add Service List Upload Notes</p> <p>Add Service Add Upload Notes</p> <p>Add Service Delete Upload Notes</p> <p>Add object Upload Note</p> |
| 0.35 | 2 Jan 2020 | Aji Perdana Putra | <p>Added Transaction Management resource.</p> <p>Add Service Add Beneficiary</p> <p>Add Service Edit Beneficiary</p> <p>Add Service View Beneficiary</p> <p>Add Service Delete Beneficiary</p> <p>Add Service Delete Recurring</p> <p>Update request of Service Task List Count</p> <p>Update Object Transaction Status Count</p> <p>Add Object Transaction Status Count Detail</p> <p>Add field source_file_name, upload_date_from, upload_date_to on service Transaction List</p> <p>Add field bene_bank_city on service Submit Funds Transfer Transaction</p> |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|-------------|-------------------|---|
| 0.36 | 16 Jan 2020 | Aji Perdana Putra | <p>Add Field is_favorite on View Beneficiary Response, Add Beneficiary Request, And Edit Beneficiary Request</p> <p>Add Field is_favorite on Beneficiary List Object</p> <p>Change type of prod_cd on Transaction Data List Request from String to List of String</p> <p>Add field acct_name and acct_alias on Transaction Summary object</p> <p>Change name of response object on List Upload Notes Service from list_txn_notes to list_upload_notes</p> |
| 0.37 | 21 Jan 2020 | Aji Perdana Putra | <p>Add Field remark, target_balance_amount, target_balance_ccy on Transaction Object</p> <p>Add Field auth_profile_name on Transaction Authorization Sequence Detail Object</p> |
| 0.38 | 22 Jan 2020 | Didik Hartono | <p>New Service List Funds Transfer Recurring</p> <p>New Service List Payments Recurring</p> <p>Update Service Device, add "lang" String(2) to determine language id used for email notification of device binding; add Action Code "U" to determine that this is just device info update (not device binding); Action Code "A" to determine that this is device binding and triggering the email notification at the back end</p> <p>New Service Transaction Summary</p> <p>Update field prod_cd to mandatory and remove field source_trx on request Update Status Transaction</p> |
| 0.39 | 4 Feb 2020 | Steven Juan | <p>Add field channel on Transaction Audit</p> <p>Add Object Favorite Account</p> <p>Remove field list_account and add field favorite_acct_map on request Favorite Account List</p> <p>Remove field prod_cd and add field list_prod_cd, debit_acct_no, and bene_acct_no on request List Funds Transfer Recurring</p> <p>Add field debit_acct_no, billing_id, and biller_code on request List Payments Recurring</p> <p>Remove field list_prod_cd and add fav_prod_map on object Account</p> <p>Add field show_favorite_only on request Get Bill Presentment Beneficiary List</p> <p>New Service Favorite Beneficiary to flag/unflag funds transfer beneficiaries</p> |

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|---------|-------------|-------------------|---|
| 0.40 | 11 Feb 2020 | Didik Hartono | <p>Add field "is_detail" on Download Payment Receipt to have options whether customer want to see receipt with audit trail records (detail view) or just a receipt only.</p> <p>Add descriptive text on Inquiry Online Transfer about value to be passed when using the service to only be getting the beneficiary name as part of adding new beneficiary from beneficiary management and not actually creating new online transfer transaction.</p> |
| 0.41 | 14 Feb 2020 | Didik Hartono | <p>Add field "lang" on Software Token Post-Bind and Switch Default Active Token</p> |
| 0.42 | 25 Feb 2020 | Aji Perdana Putra | <p>Add Recurring object</p> <p>Change response for service List Funds Transfer Recurring and List Payment Recurring to list of Recurring Object</p> |
| 0.43 | 26 Feb 2020 | Aji Perdana Putra | <p>Change field prod_cd on Favorite Account List to mandatory field</p> |
| 0.44 | 03 Mar 2020 | Aji Perdana Putra | <p>Add BL (Bulk File Uplaod) on Transaction Source. This Source replace BLIDR and BLFCY on service List Pending Verification/Authorization, Pre-Authorize Transaction, Authorize Transaction, and Transaction Summary</p> <p>Add Product Code ASO on Product Code / Transaction Type</p> |
| 0.45 | 05 Mar 2020 | Aji Perdana Putra | <p>Remove field upload_date on service List Pending Verification/Authorization</p> <p>Add field upload_date_from and upload_date_to on service List Pending Verification/Authorization</p> <p>Add field is_favorite_bene on service Submit Funds Transfer Transaction</p> |
| 0.46 | 17 Mar 2020 | Aji Perdana Putra | <p>Add value for recurring_type on Recurring, Transaction, Submit Fund Transfer Transaction, and Submit Transaction Payment</p> <p>Add value and change value when recurring_type = D0 for recurring_value on Recurring, Transaction, Submit Fund Transfer Transaction, and Submit Transaction Payment</p> <p>Add bene_id on Submit Fund Transfer Transaction request</p> <p>Remove total_rows on Recurring</p> <p>Add total_rows on response List Funds Transfer Recurring and List Payments Recurring</p> |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|--------------|-------------------|---|
| 0.47 | 02 Apr 2020 | Aji Perdana Putra | Add field prod_name on Account object |
| 0.48 | 28 Apr 2020 | Aji Perdana Putra | Change data type recurring_value to String(3) on Recurring , Transaction , Submit Fund Transfer Transaction , and Submit Transaction Payment Add field auth_type on Authenticate service Add field interest_term and interest_term_type on Account object Add Common Parameter , List Product , Inquiry Rate , Submit Time Deposit Account Opening , Get Account Detail , Submit Time Deposit Account Maintenance service Add Purpose , Source of Fund , Rollover Type , Time Deposit Product |
| 0.49 | 14 May 2020 | Aji Perdana Putra | Add new service Biometric Setup Add field device_id, device_type, device_os on Authenticate request Add field deal_type, version_variant_rate on Inquiry Rate response Add field deal_type, version_variant_rate, lang on Submit Time Deposit Account Opening request |
| 0.50 | 19 May 2020 | Aji Perdana Putra | Add field acct_no on service Get Source Account List request Add field interest_amount on Account object Add field interest_rate on Time Deposit Product object Add Time Deposit Maintenance Matrix |
| 0.51 | 29 May 2020 | Aji Perdana Putra | Add Service List of ONFX Currency Add Service Inquiry ONFX Rate (V2) Add Service Post ONFX (V2) Add Object ONFX Rate (V2) |
| 0.52 | 05 June 2020 | Aji Perdana Putra | Add field failctr on service Verify Password |
| 0.53 | 10 June 2020 | Aji Perdana Putra | Change field bene_name on service Submit Funds Transfer Transaction to mandatory field Add service Check Value Date |
| 0.54 | 15 June 2020 | Aji Perdana Putra | Add fields for Time Deposit Account on Account Inquiry service (principal_amount, interest_amount, interest_term, interest_term_code, term, term_cd, effective_date, maturity_date, auto_renewal, interest_rate, tdam_flag) |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|--------------|-------------------|--|
| 0.55 | 16 June 2020 | Aji Perdana Putra | <p>Add new fields: version, role_group on Role object</p> <p>Enhance Submit Transaction Payment (Bill Presentment / Purchase and ETAX) to support biller_type = PURCHASE, recurring option is not applicable for PURCHASE</p> <p>New API Purchase Inquiry for biller_type = PURCHASE</p> <p>New APIs on Subscriber Administration: Subscriber User Data, Subscriber Roles, Subscriber Profiles, Subscriber User Create/Modify, Subscriber User General Maintenance</p> <p>New APIs on Authorization: Subscriber User Pending Authorization, Subscriber User Authorization</p> <p>New APIs on Account Management: Customer Account List, Customer Portfolio Download, Customer Portfolio Data</p> <p>New Product Code List for Loan and Investment Product Code / Transaction Type</p> <p>New Custom Objects: User Data, Subscriber Profile, Pending User Record, Pending User Record, User Authorization Result, Purchase Data, Customer Account Data, Customer Loan Data, Customer Facility Data, Customer Investment Data</p> <p>Change Product Name for BPM in Product Code / Transaction Type into Payment & Purchase ; Pembayaran & Pembelian</p> <p>Add field biller_type on Payee List object</p> |

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|---------|-------------|-------------------|---|
| 0.56 | 2 July 2020 | Aji Perdana Putra | <p>New Services on Subscriber Management: Subscriber Account List, Subscriber Account Maintenance, Subscriber Funds Transfer Beneficiary List</p> <p>New Services on Authorization: Subscriber Account Maintenance Pending Authorization, Subscriber Account Maintenance Authorization, Subscriber Profile Maintenance Pending Authorization, Subscriber Profile Maintenance Authorization, Subscriber Beneficiary Maintenance Pending Authorization, Beneficiary Authorization Result, Subscriber Account Access Profile Maintenance Pending Authorization, Subscriber Account Access Profile Maintenance Authorization, Subscriber Authorization Policy Maintenance Pending Authorization, Subscriber Authorization Policy Maintenance Authorization</p> <p>Add new fields on Account Object: acct_prod_name, version, maintenance_type, auth_status_code, auth_status, pending_record_id</p> <p>Add new fields on Subscriber Profile Object: maintenance_type, auth_status_code, auth_status, pending_record_id</p> <p>Add new fields on Beneficiary List (Funds Transfer): version, created_by_ucose, created_by_uname, maintenance_type, auth_status_code, auth_status, pending_record_id</p> <p>New Objects: Pending Account Maintenance Record, Account Maintenance Result, User Profile Authorization Result, Beneficiary Authorization Result, Account Access Profile Object, Account Access Profile Detail Object, Account Access Profile Product List, Account Access Profile Authorization Result, Authorization Policy Object, Authorization Policy Rules Object, Authorization Policy Product Detail Object, Authorization Policy Account Detail Object, Authorization Policy Authorizer Detail Object, Authorization Policy Authorization Result</p> <p>Add new fields on Transaction: debit_acct_name, debit_acct_alias</p> |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|-------------------|-------------------|--|
| 0.57 | 13 July 2020 | Aji Perdana Putra | Add Field org_name on User Data Object |
| 0.58 | 15 July 2020 | Aji Perdana Putra | Add Optional field "prepost_check" in Post ONFX (V2) to have pre-post validation checking before committing transaction, so that customer will get immediate feedback in the even the transaction doesn't pass certain validation like maximum limit of single transaction, debit account not having enough balance, debit account/credit account is not in active status, etc |
| 0.59 | 22 July 2020 | Aji Perdana Putra | Change mandatory of lang field on Biometric Setup request Add field biometric_setup Biometric Setup request Remove error_message on Post ONFX (V2) response Add field error_message_en and error_message_id on Post ONFX (V2) response |
| 0.60 | 24 July 2020 | Aji Perdana Putra | Add option value "X" for prepost_check on Post ONFX(V2) |
| 0.61 | 05 August 2020 | Aji Perdana Putra | Add Pending Authorization Count Object Add Menu Item on Appendix Add Pending Authorization Count Service |
| 0.62 | 18 August 2020 | Aji Perdana Putra | Add role_base on Account Access Profile Object Add option DR on field action_cd on Biometric Setup |
| 0.63 | 1 September 2020 | Aji Perdana Putra | Add maintenance_type, auth_status, and auth_status_code on Pending Account Maintenance Record Add domain_id on User Data |
| 0.64 | 7 September 2020 | Aji Perdana Putra | Submit Transaction Payment (Bill Presentment/Purchase and ETAX) now supports Recurring Feature Add map and kjs on Transaction Object for Transaction Data List and Transaction Summary Add invest_type, maturity_date, and coupon_pct on Customer Investment Data Add option action_cd = 'U' on Device Add MIR, SOR on Transaction Object for Transaction Data List Add maker_auth_own on Subscriber User Create/Modify request |
| 0.65 | 16 September 2020 | Aji Perdana Putra | Add device_type and device_os on Reset Password Service |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|-------------------|-------------------|--|
| 0.66 | 21 September 2020 | Aji Perdana Putra | Add prod_group_name and prod_name_list on Account Access Profile Product List Add prod_group_name and prod_name on Authorization Policy Product Detail Object |
| 0.67 | 08 October 2020 | Aji Perdana Putra | Add option value for trx_origin on Transaction object Add field trx_source_link_id on Transaction object Add field recurring_id on request List Funds Transfer Recurring and List Payments Recurring Service |
| 0.68 | 12 October 2020 | Aji Perdana Putra | Add new service Product Configuration Add new Object Product Config , General Config , COT Config , and Transaction Limit Config |
| 0.69 | 13 November 2020 | Aji Perdana Putra | Add new Service MT103 Inquiry Add new Custom Object MT103 Add new Service Term And Conditions (V2) and Confirmation of Term And Conditions (V2) Add field file_type on File Object |
| 0.70 | 24 November 2020 | Aji Perdana Putra | Add field validation_check on Submit Fund Transfer Transaction and Submit Transaction Payment Add field ccy_code on request Service Term And Conditions (V2) and on File Object |
| 0.71 | 11 February 2021 | Aji Perdana Putra | Add field list_cot_ccy on Product Config object Add ccy_cd on COT (Cut Off Time) Config object |
| 0.72 | 19 March 2021 | Aji Perdana Putra | Add value 'R' for action_cd on Biometric Setup |
| 0.73 | 13 April 2021 | Aji Perdana Putra | Add device_type and device_os on Customer Portfolio Download |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|--------------|-------------------|--|
| 0.74 | 03 May 2021 | Aji Perdana Putra | <p>Add validation_check on Update Status Transaction request</p> <p>Add device_type and device_os on Change Password, Subscriber User Authorization, Subscriber Account Maintenance Authorization, Subscriber Profile Maintenance Authorization, Subscriber Beneficiary Maintenance Authorization, Subscriber Account Access Profile Maintenance Authorization, Subscriber Authorization Policy Maintenance Authorization</p> <p>Remove User Authorization Result, User Profile Authorization Result, Beneficiary Authorization Result, Account Access Profile Authorization Result, Authorization Policy Authorization Result Object</p> <p>Add Common Authorization Result Object</p> <p>Add Subscriber Transaction Notification Maintenance Pending Authorization and Subscriber Transaction Notification Maintenance Authorization</p> |
| 0.75 | 09 July 2021 | Didik Hartono | <p>Add new services related to Velocity Registration: Velocity Registration – Inquiry Registration, Velocity Registration – Submit Acknowledgment, Velocity Registration – Submit Revision, Velocity Registration – Cancel</p> <p>New Service V2 Customer Portfolio Data (v2)</p> <p>New Objects Velocity Registration Data, Velocity Registration Data – Account Details, Velocity Registration Data – Signer Details, Velocity Registration Data – Document Details, Velocity Registration Data – Revision Info, Velocity Registration Data – Verification Info, Customer Loan Data (V2), Customer Facility Data (V2)</p> <p>Add new field p2p_flag on Beneficiary List (Fund Transfer) object</p> <p>Add device_type and device_os on Update Status Transaction request</p> |
| 0.76 | 13 July | Didik Hartono | <p>Add field “exec_time_batch_cd” on Transaction Object</p> <p>Add field “exec_time_batch_cd” on Recurring Object</p> <p>Add request field “exec_time_batch_cd” on Submit Funds Transfer Transaction , Submit Transaction Payment (Bill Presentment/Purchase and ETAX)</p> <p>Add Appendix Execute Time Batch</p> |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|--------------|-----------------------|--|
| 0.77 | 27 July 2021 | Aji Perdana Putra | Add debit_acct_no and debit_acct_ccy on Get Fund Transfer Beneficiary request Add Transaction Notification Detail , Amount Setup , and Notification setup |
| 0.78 | 29 July 2021 | Aji Perdana Putra | Remove p2p_flag on Beneficiary List (Fund Transfer) object |
| 0.79 | 01 Sept 2021 | Aji Perdana Putra | Add Get Province List service Add Province List object |
| 0.80 | 03 Sept 2021 | Aji Perdana Putra | Add ktp_file_name, ktp_file_ext, npwp_file_name, npwp_file_ext on Velocity Registration Data - Individual Details |
| 0.81 | 10 Sept 2021 | Aji Perdana Putra | Change document_details to document_details_list on Velocity Registration Data – Document Details |
| 0.82 | 13 Sept 2021 | Didik Hartono | New API SWIFT GPI Outbound Tracking New field “additional_info” on Transaction Object |
| 0.83 | 21 Sept 2021 | Didik Hartono | Add field “agreement_id” optional for API Customer Portfolio Download New API Inquiry Transaction Time Batch |
| 0.84 | 5 Okt 2021 | Achmad Aries Pirnando | Remove field “agreement_id” for API Customer Portfolio Download Add field “summary” optional for API Customer Portfolio Download |
| 0.85 | 13 Oct 2021 | Aji Perdana Putra | Add request field “recurring_exec_time_batch_cd” on Submit Funds Transfer Transaction , Submit Transaction Payment (Bill Presentment/Purchase and ETAX) |
| 0.86 | 2 Nov 2021 | Aji Perdana Putra | New field “additional_info” on request Submit Fund Transfer Transaction New field “is_additional_info” on request Download Payment Receipt |
| 0.87 | 16 Nov 2021 | Achmad Aries Pirnando | Change description “sign_status” on Velocity Registration Data – Signature Details |
| 0.88 | 29 Nov 2021 | Aji Perdana Putra | New field “remittance_no” on Transaction object New field “uetr” on Swift GPI Outbound object |
| 0.89 | 07 Dec 2021 | Aji Perdana Putra | New field “instructed_ccy”, “credited_ccy”, and “deducted_ccy” on Swift GPI Outbound object |

| Version | Impl. Date | Authors | Summary of Changes |
|---------|-------------|--------------------------|--|
| 0.90 | 14 Jan 2022 | Achmad Aries Pirnando | <p>Add new product code with desc "FAST" on Appendix Product Code / Transaction Type.</p> <p>Add new field 'proxy_type', 'proxy_data', 'charges_acct_no', 'charges_acct_ccy', 'trx_purpose', and change description field 'bene_bank_code', 'bene_bank_name' on Submit Fund Transfer Request, and Transaction object,</p> <p>Change description "prod_cd" with add new value "FAST" on Check Value Date request.</p> <p>Change description "prod_cd_list" with add new value "FAST" on Inquiry Transaction Time Batch request.</p> <p>Changes description "transfer_type" & "bank_code" with add new value "FAST" on Get list of Banks request.</p> <p>Add BIFAST Inquiry Service, Add BIFAST Inquiry Data Object, and Add new field 'bifast_data' on Submit Fund Transfer Request.</p> <p>Add Update Device Alias Service</p> |

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This document is prepared for API implementation for ONEBC functionality as a solution for Mobile Back End application (or any other application) to access main service of ONEBC application.

1 Rest Model

Client make standard HTTP request over an SSL or plain channel. The API communication endpoint is [http://ip\[:port\]/api](http://ip[:port]/api). This base endpoint url will be mentioned as [api_endpoint].

1.1 Resources and operations

Client make request against ONEBC resources using following url format:

[api_endpoint]/[resource-name]/[operation-name]

2 Supported Operations

2.1 Request Arguments

Request arguments will be differ depending on API modul type and will be explained later on this document.

2.2 Response

Response entity will be JSON format with the following specification:

| Node Name | Data Type | Description |
|------------------|-------------|---|
| response_code | String(5) | ONEBC API response code. List of available response code will be described in the appendix |
| response_desc_en | String(255) | Response message description in English |
| response_desc_id | String(255) | Response message description in Bahasa Indonesia |
| data | JSON | Response data will be available when response_code value is "00000", and the data structures will be varied depending on module type of the request. |

2.3 Request Headers

When making request, the client must specify the header "**X-ONEBC-SESSION**" filled with **session_id** element values which returned by ONEBC API Service when customer has successfully authenticated. This header in mandatory for all request except defined operation that does not require header.

2.4 HTTP Response

This API Service responds with standard HTTP response appropriate to the result of the request. The response code includes:

200

A response code of 200 means the request was finished and details about the response can be found in the body of response

400

The server cannot or will not process the request due to something that is perceived to be a client error.

401

The request was not allowed because the request did not pass authentication or do not have the proper access rights to the target.

500

Server internal error. This is the default response code for unspecified error which may occur if ONEBC API system.

2.5 Response Entities

All operations may respond with any response code specified in the HTTP Response section. If the system responds with a 200 OK, This API Service will provide JSON entity that defines the final result of the operation.

3 User Resources

Supported operations for User resource:

3.1 Random Number

This operation is used to generate random number required for password encryption.

- URL: [api_endpoint]/user/random_number
- This request do not need header information
- Request Parameter

This operation do not need any request parameter.

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|------------|--|
| random_number | String(40) | Random number. This value will be needed to generate encrypted param_c and param_p value when call authenticate operation. |

3.2 Xstring

This operation is used to generate hash string required for password encryption.

- URL: [api_endpoint]/user/x_string
- This request do not need header information
- Request Parameter

This operation do not need any request parameter.

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------|-------------|--|
| modulus_string | String(256) | Modulus string value. This value will be needed to generate encrypted param_c and param_p value when call authenticate operation. |

3.3 Authenticate

This operation is used to authenticate user.

- URL: [api_endpoint]/user/authenticate
- This request do not need header information
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| param_c | String(256) | Param C. Generated using javascript method based on random_number and modulus_string | Yes |
| param_p | String(32) | Param P. Generated using javascript method based on random_number and modulus_string | Yes |

| | | | |
|---------------|------------|---|-----|
| random_number | String(40) | Random number retrieved from random number operation | Yes |
| auth_type | String(5) | Authorization Type . Value : MN = Manual (default), TID = Touch ID/Fingerprint, FID = Face ID | No |
| device_id | String(36) | Customer device id | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|-------------------------------------|--|
| org_cd | String(50) | Same as request |
| usr_cd | String(50) | Same as request |
| usr_id | String(36) | User identifier |
| usr_name | String(100) | User complete name |
| usr_domain | String(2) | User domain identifier. SB: Subscriber PR: Provider SO: Site Owner |
| email | String(1000) | Email of user |
| phone | String(50) | Phone of user |
| list_role | List of Role object | List of role object |
| session_id | String(100) | Session ID value that should be sent within header request for all operation request |
| user_status | String(5) | User status: US001: ACTIVE US002: LOCKED US003: INACTIVE US004: EXPIRED *) Authentication succeed when user_status= US001 *) When user_status= US004 , prompt user to change password ¹ |
| user_state | String(5) | User state TE001:NORMAL TE002:RESET NOT YET APPROVE TE003:RESET REJECTED TE004:RESET APPROVED TE005:PRINT PASSWORD TE006:PIN MAILER RECEIVED |

¹Condition for force change password is if user_status=US004 or user_state-TE006.

| Element Name | Data Type | Description |
|------------------|--------------------------------------|--|
| | | TE007:EMAIL PASSWORD *) Authentication succeed when user_state= TE001 *) When user_status= TE006 , prompt user to change password ¹ |
| menu_access_list | List of Menu object | List of menu object based on user access permission |
| password_rules | List of Param object | Only available if current user is required to change his password. |
| login_message | List of String | List of login messages |
| org_name | String (100) | Organization Name |
| org_addr1 | String (100) | |
| org_addr2 | String (100) | |
| org_addr3 | String (100) | |
| purchase_fcy | Boolean | Determine whether the ORG able to create funds transfer with IDR -> FCY type (applies to all users within the ORG) |

3.4 Action List

This operation is used to get list of action available for logged in user.

- URL: [api_endpoint]/user/action_list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| mn_itm_id | String(10) | Menu item id. Mapping of menu item id value will be explained in appendix | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|----------------|---|
| list_action | List of String | List of Action Key that is eligible for current user |

3.5 Access Restriction

This operation is used to get list of restricted action for logged in user.

- URL: [api_endpoint]/user/access_restriction
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |

| | | | |
|-----------|------------|---|-----|
| usr_cd | String(50) | User Code | Yes |
| mn_itm_id | String(10) | Menu item id. Mapping of menu item id value will be explained in appendix | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|------------------|----------------|---|
| list_restriction | List of String | List of Action Key that is restricted for current user |

3.6 Change Password

This operation is used to change user's password.

- URL: [api_endpoint]/user/change_password
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| param_c | String(256) | Param C. Generated using javascript method based on random number and modulus string | Yes |
| param_p | String(32) | Param P. Generated using javascript method based on random number and modulus string | Yes |
| random_number | String(40) | Random number retrieved from random number operation | |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|------------|-----------------|
| org_cd | String(50) | Same as request |
| usr_cd | String(50) | Same as request |
| user_status | String(5) | User status |
| user_state | String(5) | User state |

3.7 Verify Password

This operation is used to verify user's password.

- URL: [api_endpoint]/user/verify_pwd
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |

| | | | |
|---------------|-------------|--|-----|
| usr_cd | String(50) | User Code | Yes |
| param_c | String(256) | Param C. Generated using javascript method based on random_number and modulus_string | Yes |
| param_p | String(32) | Param P. Generated using javascript method based on random_number and modulus_string | Yes |
| random_number | String(40) | Random number retrieved from random_number operation | Yes |
| failctr | String(1) | Increment Login Attempt Y : Yes (Default) N : No | No |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|------------|-----------------|
| org_cd | String(50) | Same as request |
| usr_cd | String(50) | Same as request |
| user_status | String(5) | User status |
| user_state | String(5) | User state |

3.8 Device

This operation is used to register/unregister device for user.

- URL: [api_endpoint]/user/device
- Header information is conditional for this operation
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-----------------|-------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| action_cd | String(1) | Action code: A: Add/Bind device U: Update device D: Delete/Unbind device | Yes |
| device_id | String(255) | Device ID | Yes |
| push_token | String(400) | Push notification token | Yes |
| push_token_type | String(20) | Push notification type: APNS GCM | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

| | | | |
|------|-----------|--|----|
| lang | String(2) | Default "id" = Indonesia; "en" = english | No |
|------|-----------|--|----|

- Http response 200 do not contains any data response.

3.9 Logout

This operation is used to clear user's session.

- URL: [api_endpoint]/user/logout
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |

- Http response 200 do not contains any data response.

3.10 Profile Image

This operation is used to get user's profile image.

- URL: [api_endpoint]/user/image
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|-----------|----------------------|
| profile_image | String | BASE64 Encoded image |
| mime_type | String | Image mime type |

3.11 Reset Password

This operation is used to reset user's password.

- URL: [api_endpoint]/user/reset_password
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|--------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| email | String(1000) | Email of user | Yes |
| phone | String(50) | Phone of user | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-----------------|--------------|-----------------|
| org_cd | String(50) | Same as request |
| usr_cd | String(50) | Same as request |
| user_status | String(5) | User status |
| user_state | String(5) | User state |
| activation_link | String(1000) | Activation Link |

3.12 Biometric Setup

This operation is used to activate/deactivcate biometric credential

- URL: [api_endpoint]/user/biometric_setup
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| action_cd | String(2) | A : Activate, D : Deactivate, DR : Deactivate due to Reset Password, R : Reset password without biometric setup | Yes |
| device_id | String(36) | Customer device id | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |
| lang | String(2) | Default "id" = Indonesia; "en" = english | Yes |
| Biometric_type | String(20) | Fingerprint/Touch ID/Face ID | Yes |

- Http response 200 do not contains any data response.

3.13 Update Device Alias

This operation is used to update device alias

- URL: [api_endpoint]/user/update/device_alias
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| device_id | String(36) | Customer device id | Yes |
| device_alias | String(50) | Device Alias | Yes |

- Http response 200 do not contains any data response.

4 Token

Supported operations for Token resource:

4.1 Customer Token Inquiry

This operation is used to inquiry list of all available token for logged user.

- URL: [api_endpoint]/token/inquiry
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--------------------------------------|----------------------|
| list_token | List of Token object | List of token object |

4.2 OTP Request

This operation is used to request for OTP.

- URL: [api_endpoint]/token/otp/request
- Header information for this request is optional
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| request_type | String(3) | Request Type: SMS: SMS Token OTP: SMS OTP | Yes |
| device_id | String(255) | Device ID | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|------------|--------------------------|
| request_id | String(36) | Generated otp request ID |

4.3 OTP Verify

This operation is used to verify OTP.

- URL: [api_endpoint]/token/otp/verify

- Header information for this request is optional
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| request_id | String(36) | Generated request_id value from OTP Request operation. Mandatory for SMS Token and SMS OTP type | No |
| otp | String(32) | Generated OTP Value | Yes |
| device_id | String(255) | Device ID | Yes |

- Http response 200 for this operation do not contains any data response.

4.4 CR Request

This operation is used to request for challenge response validation.

- URL: [api_endpoint]/token/cr/request
- Header information for this request is optional
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| request_type | String(3) | Request Type: HW: Hardware Token SW: Software Token | Yes |
| device_id | String(255) | Device ID | Yes |

- Http response 200 data code for "00000" response_code

| Element Name | Data Type | Description |
|----------------|------------|-------------------------|
| request_id | String(36) | Generated CR request ID |
| challenge_code | String(10) | Challenge code value |

4.5 CR Verify

This operation is used to verify challenge response validation.

- URL: [api_endpoint]/token/cr/verify
- Header information for this request is optional
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| request_id | String(36) | Generated request_id value from CR Request operation | Yes |
| response_code | String(10) | Response code value from APPLI2. | Yes |
| device_id | String(255) | Device ID | Yes |

- Http response 200 for this operation do not contains any data response.

4.6 Switch Default Active Token

This operation is used to switch default active Token Type for authorization.

- URL: [api_endpoint]/token/default
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| token_type_old | String(3) | HW: Hardware SW: Software SMS: SMS Token | Yes |
| token_type_new | String(3) | HW: Hardware SW: Software SMS: SMS Token | Yes |
| lang | String(2) | Default "id" = Indonesia; "en" = english | No |

- Http response 200 data code for "00000" response_code

| Element Name | Data Type | Description |
|--------------|------------|--|
| org_cd | String(50) | Organization Code |
| usr_cd | String(50) | User Code |
| token_type | String(3) | HW: Hardware SW: Software SMS: SMS Token |

4.7 Software Token Pre-Bind 1

This operation is used to register software token step 1.

- URL: [api_endpoint]/token/sw/prebind_1
- Header information for this request is mandatory
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|---------------------|-------------|---------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| device_id | String(255) | Device ID | Yes |
| device_finger_print | String(255) | Device finger print | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------------|--------------|--|
| static_vector | String(1000) | Static vector value response from Velis |
| message_activation_1 | String(255) | Message activation 1 value response from Velis |
| velis_timestamp | Long | Velis timestamp (the number of milliseconds since January 1, 1970, 00:00:00 GMT) |

4.8 Software Token Pre-Bind 2

This operation is used to register software token step 2.

- URL: [api_endpoint]/token/sw/prebind_2
- Header information for this request is mandatory
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|---------------------|-------------|---------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| device_id | String(255) | Device ID | Yes |
| device_code | String(100) | Device code | Yes |
| device_finger_print | String(255) | Device finger print | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------------|-------------|--|
| device_id_velis | String(10) | Device ID response from Velis |
| message_activation_2 | String(255) | Message activation 2 value response from Velis |
| sequence_number | Integer | Device sequence number |
| velis_timestamp | Long | Velis timestamp (the number of milliseconds since January 1, 1970, 00:00:00 GMT) |

4.9 Software Token Post-Bind

This operation is used to register software token step 3.

- URL: [api_endpoint]/token/sw/post_bind

- Header information for this request is mandatory
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|---------------------|-------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| device_id | String(255) | Device ID | Yes |
| device_finger_print | String(255) | Device finger print | Yes |
| otip_type | String(6) | | Yes |
| appli_name | String(2) | | Yes |
| appli_no | Integer | | Yes |
| seq_no | Integer | Device sequence number | Yes |
| lang | String(2) | Default "id" = Indonesia; "en" = english | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-----------------|-----------|--|
| velis_timestamp | Long | Velis timestamp (the number of milliseconds since January 1, 1970, 00:00:00 GMT) |

4.10 Software Token Delete

This operation is used to delete software token used for unbind.

- URL: [api_endpoint]/token/sw/delete
- Header information for this request is mandatory
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|---------------------|-------------|---------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| device_id | String(255) | Device ID | Yes |
| device_finger_print | String(255) | Device finger print | Yes |

- Http response 200 for this operation do not contains any data response.

4.11 Software Token Eligibility

This operation is used to check eligibility of a user to use/activate software token.

- URL: [api_endpoint]/token/sw/eligibility_check
- Header information for this request is mandatory
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|------------|--|
| is_eligible | String (1) | Y = Eligible to use/activate software token N = Not Eligible to use/activate software token |

5 Notification

Supported operations for Notification resource:

5.1 Notification Board List

This operation is used to get list of notification board data.

- URL: [api_endpoint]/notification/board/list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| notify_date | Date | Date of notification | No |
| expiry_date | Date | Expiry date of notification | No |
| notify_type | String(8) | Notification Type: SELF: Notification for personal INTERNAL: Notification from internal domain EXTERNAL: Notification from external domain | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|------------------|---|--|
| list_notif_board | List of Notification Board object | List of Notification Board object |
| total_rows | Integer | Total rows of all record selected without pagination |

5.2 Inquiry Push Notification Data

This operation is used to get list of push notification data.

- URL: [api_endpoint]/notification/push/inquiry
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-------------|--------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| device_id | String(255) | Device ID | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-----------------|--|--|
| list_push_notif | List of Push Notification object | List of Push Notification object |
| total_rows | Integer | Total rows of all record selected without pagination |

5.3 Send Push Notification

This operation is used to send push notification message.

- URL: [api_endpoint]/notification/push/send
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| device_id | String(255) | Device ID | No |
| subject | String(255) | Message subject | Yes |
| message | String(255) | Message content | Yes |

- Http response 200 for this operation do not contains any data response.

6 Account Management

Supported operations for Account Management resource:

6.1 Account Summary List

This operation is used to get list of all account available to logged in user.

- URL: [api_endpoint]/acct_mgmt/list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|------------------|------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| search_acct_no | String(20) | Account number search parameter | No |
| search_acct_name | String(40) | Account name search parameter | No |
| acct_type | String(D) | Account type list: D: Deposit account (Default) T: Time deposit account If this field is not present, default value D will be used. | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--|--|
| list_account | List of Account object | List of account object |
| total_rows | Integer | Total rows of all record selected without pagination |

6.2 Account Statement

This operation is used to get statement data of selected account.

- URL: [api_endpoint]/acct_mgmt/statement
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| acct_no | String(20) | Account number | Yes |
| acct_ccy | String(3) | Account name | Yes |

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-----------|--|-----------|
| start_date | Date | Start statement date | Yes |
| end_date | Date | End statement date | Yes |
| order | String(4) | DESC: Descending (Default) ASC: Ascending | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-----------------|--|--|
| opening_balance | Numeric(18,2) | Opening balance |
| closing_balance | Numeric(18,2) | Closing balance |
| list_statement | List of Account Statement object | List of account statement object |
| total_rows | Integer | Total rows of all record selected without pagination |

6.3 Account Statement Download

This operation is used to get soft copy (in pdf format) of statement from selected account.

- URL: [api_endpoint]/acct_mgmt/statement/download
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| acct_no | String(20) | Account number | Yes |
| acct_ccy | String(3) | Account name | Yes |
| start_date | Date | Start statement date | Yes |
| end_date | Date | End statement date | Yes |
| order | String(4) | DESC: Descending (Default) ASC: Ascending | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Descriptio |
|--------------|-------------|------------------------|
| doc_path | String(255) | Document download path |

6.4 Account Inquiry

This operation is used to inquiry selected account

- URL: [api_endpoint]/acct_mgmt/inquiry
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--|------------------------------------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| acct_no | String(20) | Account number | Yes |
| acct_ccy | String(3) | Account currency | Mandatory when balance_check = 'Y' |
| balance_check | String(1) | "Y" : Checking for Balance (Default) for balance snapshot "N" : Check any OCBC Account info for OCBC Funds Transfer (IFT) | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-------------------|---------------|--|
| org_cd | String(50) | Same as request |
| acct_no | String(20) | Account number |
| acct_ccy | String(3) | Account currency |
| acct_name | String(40) | Account name |
| acct_alias | String(40) | Account alias name |
| balance_available | Numeric(18,2) | Available balance |
| balance_ledger | Numeric(18,2) | Ledger balance |
| cif_no | String(50) | CIF Number |
| prod_cd_sibs | String(20) | Product code |
| acct_type_sibs | String(1) | S: Saving D: Deposit |
| mcbt | String(1) | Y: Multi-currency account N: Non-multi-currency account |
| branch_cd_sibs | String(5) | Branch code |
| acct_status | Integer | 1 = active, 2 = closed, 3 = matured, 4 = new / today, 5 = zero balance account, 6 = restricted account, 7 = frozen account no DR/CR, 8 = not used, 9 = dormant account |
| principal_amout | Numeric(18,2) | Principal amount |

| | | |
|--------------------|-------------------|--|
| interest_term | Integer | Interest Term Value ex: 1 int |
| interest_term_code | String(1) | Interest Term Type (D : Day, M : Month, Y : Year) |
| term | Integer | Time deposit term |
| term_cd | String(1) | Time deposit term code: D: Day M: Month Y: Year |
| maturity_date | Date (YYYY-MM-DD) | Time deposit maturity date |
| effective_date | Date (YYYY-MM-DD) | Effective date |
| interest_rate | Numeric(18,2) | Time deposit interest rate |
| interest_amount | Numeric(18,2) | Interest Rate Amount |
| tdam_flag | String(1) | Y : Account can be processed as Time Deposit Maintenance Transaction N : Account can not be processed as Time Deposit Maintenance Transaction |
| auto_renewal | String(1) | Time deposit auto renewal type: A: Rollover with interest compound Y: Rollover N: Non-rollover |

6.5 Account Inquiry Detail

This operation is used to inquiry selected account with balance hold and balance overdraft data.

- URL: [api_endpoint]/acct_mgmt/inquiry_detail
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| acct_no | String(20) | Account number | Yes |
| acct_ccy | String(3) | Account name | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|------------|------------------|
| org_cd | String(50) | Same as request |
| acct_no | String(20) | Account number |
| acct_ccy | String(3) | Account currency |
| acct_name | String(40) | Account name |

| | | |
|-------------------|---------------|--|
| acct_alias | String(40) | Account alias name |
| balance_available | Numeric(18,2) | Available balance |
| balance_ledger | Numeric(18,2) | Ledger balance |
| balance_hold | Numeric(18,2) | Hold balance |
| balance_overdraft | Numeric(18,2) | Overdraft balance |
| cif_no | String(50) | CIF Number |
| prod_cd_sibs | String(20) | Product code |
| acct_type_sibs | String(1) | S: Saving D: Deposit |
| mcbt | String(1) | Y: Multi-currency account N: Non-multi-currency account |
| branch_cd_sibs | String(5) | Branch code |

6.6 Favorite Account List

This operation is used to assign account as favorite.

- URL: [api_endpoint]/acct_mgmt/favorite
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-------------------|---|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | String(10) | Product code filter. See Appendix 15.1 | Yes |
| favorite_acct_map | List of Favorite Account object | List of favorite account object | Yes |

- Http response 200 for this operation do not contains any data response.

6.7 Customer Account List

This operation is used to get list of all customer account available for Loan, Unit Trust, Bonds and SPT Statement.

- URL: [api_endpoint]/acct_mgmt/customer/account
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|------------------|------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| search_cust_no | String(20) | Customer Number search parameter | No |
| search_cust_name | String(40) | Customer Name search parameter | No |
| prod_cd | String(10) | Product code filter. Only accepting: LOANACCT, UNTRST, OBLGSRTL, ESPT See Appendix 15.1 | Yes |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--|---------------------------------|
| list_account | List of Customer Account Data object | List of Customer Account object |

| | | |
|------------|---------|--|
| total_rows | Integer | Total rows of all record selected without pagination |
|------------|---------|--|

6.8 Customer Portfolio Download

This operation is used to download customer portfolio of one of the following: Loan, Unit Trust, Bonds and SPT Statement.

- URL: [api_endpoint]/acct_mgmt/portfolio/download
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-----------------|--|---|--------------------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| customer_number | String(20) | Customer Number | Yes |
| prod_cd | String(10) | Product code filter. Only accepting: LOANACCT, UNTTRST, OBLGSRTL, ESPT See Appendix 15.1 | Yes |
| period_from | String(8) | yyyyMMdd | Mandatory for ESPT |
| period_to | String(8) | yyyyMMdd | Mandatory for ESPT |
| summary | Customer Loan Data (V2) Object | Applicable for LOANACCT. Default = Blank When Blank/Not Specified will Printing Loan Summary When Specified will Printing Loan Detail/Facilities for Specific Agreement | No |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|-------------|------------------------|
| doc_path | String(255) | Document download path |

6.9 Customer Portfolio Data

This operation is used to view customer portfolio of one of the following: Loan, Unit Trust, and Bonds.

- URL: [api_endpoint]/acct_mgmt/portfolio/view
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-----------------|------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| customer_number | String(20) | Customer Number | Yes |
| prod_cd | String(10) | Product code filter. Only accepting: LOANACCT, UNTTRST, OBLGSRTL See Appendix 15.1 | Yes |
| agreement_only | String(1) | Y/N, Applicable for LOANACCT Only Default = 'Y' | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|------------------|--|-------------------------------------|
| loan_data | Customer Loan Data Object | Applicable for Loan |
| wealth_data_list | List of Customer Investment Data Object | Applicable for Unit Trust and Bonds |

6.10 Customer Portfolio Data (v2)

This operation is used to view customer portfolio of one of the following: Loan, Unit Trust, and Bonds (Revamped Loan Data)

- URL: [api_endpoint]/v2/acct_mgmt/portfolio/view
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | String(10) | Product code filter. Only accepting: LOANACCT, UNTTRST, OBLGSRTL See Appendix 15.1 | Yes |
| cif_no | String(20) | Customer Number | Yes |
| agreement_id | String(50) | Applicable for LOANACCT When specified, it will also returning facility list inside customer loan data (v2) | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|------------------|---|-------------------------------------|
| loan_data_list | List of Customer Loan Data (V2) Object | Applicable for Loan |
| wealth_data_list | List of Customer Investment Data Object | Applicable for Unit Trust and Bonds |

7 Task List

Supported operations for Task List resource:

7.1 Task List Count

This operation is used to get count of task list data from logged in user.

- URL: [api_endpoint]/task_list/count
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|----------------|--|-------------------------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| list_source | List of String | Task source, consist of Transaction Source List and Non-Transaction (NT) See Appendix 15.2 for Transaction Source List. | No Default Value: MN |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-----------------|---|---|
| list_task_count | List of Transaction Status Count object | List of Transaction Status Count object |

7.2 Transaction List

This operation is used to get transactional task list data for logged in user.

- URL: [api_endpoint]/task_list/list_trx
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-----------------|-------------------|---|-------------------------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| source | String(20) | Transaction source. See Appendix 15.2 for Transaction Source List. | No Default Value: MN |
| status | String(3) | Task status code | No |
| list_prod_cd | List of String | List of selected product code. Only applicable for MN and NB source | No |
| pymt_master_id | String(36) | Selected payment ID / File ID | No |
| value_date_from | Date (YYYY-MM-DD) | Value date filter | No |

| | | | |
|------------------|-------------------|----------------------------------|-----|
| value_date_to | Date (YYYY-MM-DD) | Value date filter | No |
| source_file_name | String(100) | Source file name (if applicable) | No |
| upload_date_from | Date (YYYY-MM-DD) | Upload date filter | No |
| upload_date_to | Date (YYYY-MM-DD) | Upload date filter | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--|--|
| list_trx | List of Transaction object | List of transaction object |
| total_rows | Integer | Total rows of all record selected without pagination |

7.3 Non-Transaction List

This operation is used to get non-transactional task list data for logged in user.

- URL: [api_endpoint]/task_list/list_non_trx
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|---|-------------------------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| source | String(20) | Task list source, value should be NT | No Default Value: NT |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|---|--|
| list_trx | List of Non-Transaction Task object | List of transaction object |
| total_rows | Integer | Total rows of all record selected without pagination |

8 Exchange Rate

Supported operations for Exchange Rate resource:

8.1 Inquiry

This operation is used to get list of exchange rate data.

- URL: [api_endpoint]/fxrate/inquiry
- This operation do not need any header information
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|--------------------------|------------------|-------------------|-----------|
| ccy_code | String(3) | Currency code | No |
| period_from ² | Date(YYYY-MM-DD) | Periode date from | No |
| period_to ² | Date(YYYY-MM-DD) | Periode date to | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--|------------------------------|
| list_fxrate | List of Exchange Rate object | List of Exchange Rate object |

² If period_from and periode_to is not present, result will be for today rate only

9 Authorization

Supported operations for Authorization resource:

9.1 List Pending Verification/Authorization Transactions

This operation is used to get list of pending transaction that logged user can verify/approve.

- URL: [api_endpoint]/authorization/list_pending_trx
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|------------------|-------------------|---|------------------------------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | String(10) | Product code filter. See Appendix 15.1 | No |
| value_date_from | Date (YYYY-MM-DD) | Value date filter | No |
| value_date_to | Date (YYYY-MM-DD) | Value date filter | No |
| amount_from | Numeric(18,2) | Amount filter | No |
| amount_to | Numeric(18,2) | Amount filter | No |
| debit_acct_no | String(20) | Debit account filter | No |
| debit_acct_ccy | String(3) | Debit account currency | No |
| transfer_ccy | String(3) | Transfer/transaction currency filter | No |
| source_trx | List of String | Payment source filter: See Appendix 15.2 for Transaction Source List. Could be consist of multiple transaction source code but must be on same group: Group 1: MN, NB, TON Group 2: BL Group 3: TOF Group 4: VA | Yes |
| source_file_name | String(100) | Source file name (if applicable) | No |
| upload_date_from | Date (YYYY-MM-DD) | Date uploaded filter (if applicable) | No |
| upload_date_to | Date (YYYY-MM-DD) | Date uploaded filter (if applicable) | No |
| bank_ref | String(50) | Bank reference filter | No |
| cust_ref | String(24) | Customer reference filter | No |
| on_behalf | String(100) | On behalf/Sender Name filter | No |
| pymt_master_id | String(36) | Selected payment ID / File ID | Mandatory for source_trx :NB |

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-----------|--|-----------|
| trx_status | String(3) | Transaction status filter: 003: Pending verification 004: Pending Authorization (Default) | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--|--|
| list_trx | List of Transaction object | List of Transaction object |
| total_rows | Integer | Total rows of all record selected without pagination |

9.2 Pre-Authorize Transactions

This operation is used to initiate transaction approval.

- URL: [api_endpoint]/authorization/pre_authorize
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|--|--------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| list_payment | List of Payment Request Object | List of payment request object | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------------|---|-------------------------------|
| list_backdated_info | List of Backdated Info object | List of Backdated Info object |

9.3 Authorize Transactions

This operation is used to approve transaction data.

- URL: [api_endpoint]/authorization/authorize
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|--|--------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| list_payment | List of Payment Request Object | List of payment request object | Yes |

| | | | |
|---------------|-------------|--|-------------|
| request_id | String(36) | Generated request_id value from CR Request operation. Only required if action_cd='A' | Conditional |
| response_code | String(10) | Response code value from APPLI2. Only required if action_cd='A' | Conditional |
| device_id | String(255) | Device ID. Only required if action_cd='A' | Conditional |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-----------------------|--|--|
| list_auth_result_info | List of Authorization Result Info object | List of Authorization Result Info object |

9.4 Subscriber User Pending Authorization

This operation is used to get Pending Authorized of users' data list of an Organization.

- URL: [api_endpoint]/authorization/administration/user/pending_auth_list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| src_usr_cd | String(50) | Search User Code | No |
| src_usr_name | String(50) | Account name | Yes |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|--|------------------------------------|
| user_list | List of User Data object | List of User object |
| total_records | Integer | Numbers of data without pagination |

9.5 Subscriber User Authorization

This operation is used to perform Authorization of Pending users' data of an Organization.

- URL: [api_endpoint]/authorization/administration/user/authorization
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|---------------------|--|------------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| action_cd | String(1) | 'A' – Approve, 'R' – Reject | Yes |
| pending_record_list | List of Pending User Record Object | List of Pending User Record Object | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------------|--|--|
| userauth_result_list | List of Common Authorization Result object | List of Pending User Authorization Result Object |

9.6 Subscriber Account Maintenance Pending Authorization

This operation is used to get Pending Authorized of Account maintenance data list of an Organization.

- URL: [api_endpoint]/authorization/administration/account/pending_auth_list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|------------------|------------|--------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| src_account_no | String(19) | Search Account Number | No |
| src_account_name | String(40) | Search Account Name | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|-----------|-------------|
|--------------|-----------|-------------|

| | | |
|---------------|--|------------------------------------|
| account_list | List of Account object | List of Account object |
| total_records | Integer | Numbers of data without pagination |

9.7 Subscriber Account Maintenance Authorization

This operation is used to perform Authorization of Pending account maintenance of an Organization.

- URL: [api_endpoint]/authorization/administration/account/maintenance_auth
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-------------------|---|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| action_cd | String(1) | 'A' – Approve, 'R' – Reject | Yes |
| pending_acct_list | List of Pending Account Maintenance Record Object | List of Pending Account Maintenance Record Object | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------------|---|---|
| acctmtn_result_list | List of Account Maintenance Result object | List of Account Maintenance Authorization Result Object |

9.8 Subscriber Profile Maintenance Pending Authorization

This operation is used to get Pending Authorized of user profile maintenance data list of an Organization.

- URL: [api_endpoint]/authorization/administration/user_profile/pending_auth_list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-------------------|---|------------------------------------|
| user_profile_list | List of Subscriber Profile object | List of User Profile object |
| total_records | Integer | Numbers of data without pagination |

9.9 Subscriber Profile Maintenance Authorization

This operation is used to perform Authorization of Pending user profile maintenance of an Organization.

- URL: [api_endpoint]/authorization/administration/user_profile/maintenance_auth
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------------|---|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| action_cd | String(1) | 'A' – Approve, 'R' – Reject | Yes |
| pending_profile_list | List of Subscriber Profile Object | List of Pending User Profile Maintenance Record Object | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------------|--|--|
| profile_result_list | List of Common Authorization Result object | List of User Profile Maintenance Authorization Result Object |

9.10 Subscriber Beneficiary Maintenance Pending Authorization

This operation is used to get Pending Authorized of beneficiary maintenance data list of an Organization.

- URL: [api_endpoint]/authorization/administration/beneficiary_ft/pending_auth_list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|--|------------------------------------|
| bene_list | List of Beneficiary List (Funds Transfer) object | List of Beneficiary object |
| total_records | Integer | Numbers of data without pagination |

9.11 Subscriber Beneficiary Maintenance Authorization

This operation is used to perform Authorization of Pending beneficiary maintenance of an Organization.

- URL: [api_endpoint]/authorization/administration/beneficiary_ft/maintenance_auth
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-------------------|--|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| action_cd | String(1) | 'A' – Approve, 'R' – Reject | Yes |
| pending_bene_list | List of Beneficiary List (Funds Transfer) Object | List of Pending Beneficiary Maintenance Record Object | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|------------------|--|---|
| bene_result_list | List of Common Authorization Result object | List of Beneficiary Maintenance Authorization Result Object |

9.12 Subscriber Account Access Profile Maintenance Pending Authorization

This operation is used to get Pending Authorized of account access profile maintenance data list of an Organization.

- URL: [api_endpoint]/authorization/administration/accessprofile/pending_auth_list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |

| | | | |
|-----------|---------|--------------------------------|-----|
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-----------------|---|---------------------------------------|
| accprofile_list | List of Account Access Profile Object | List of Account Access Profile object |
| total_records | Integer | Numbers of data without pagination |

9.13 Subscriber Account Access Profile Maintenance Authorization

This operation is used to perform Authorization of Pending account access profile maintenance of an Organization.

- URL: [api_endpoint]/authorization/administration/accessprofile/maintenance_auth
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-------------------------|---|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| action_cd | String(1) | 'A' – Approve, 'R' – Reject | Yes |
| pending_accprofile_list | List of Account Access Profile Object | List of Pending Account Access Profile Maintenance Record Object | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|------------------------|--|--|
| accprofile_result_list | List of Common Authorization Result object | List of Account Access Profile Maintenance Authorization Result Object |

9.14 Subscriber Authorization Policy Maintenance Pending Authorization

This operation is used to get Pending Authorized of authorization policy maintenance data list of an Organization.

- URL: [api_endpoint]/authorization/administration/authpolicy/pending_auth_list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|---|-------------------------------------|
| authpol_list | List of Authorization Policy Object | List of Authorization Policy object |
| total_records | Integer | Numbers of data without pagination |

9.15 Subscriber Authorization Policy Maintenance Authorization

This operation is used to perform Authorization of Pending authorization policy maintenance of an Organization.

- URL: [api_endpoint]/authorization/administration/authpolicy/maintenance_auth
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------------|---|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| action_cd | String(1) | 'A' – Approve, 'R' – Reject | Yes |
| pending_authpol_list | List of Authorization Policy Object | List of Pending Authorization Policy Maintenance Record Object | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------------|--|--|
| authpol_result_list | List of Common Authorization Result Object | List of Authorization Policy Maintenance Authorization Result Object |

9.16 Pending Authorization Count

This operation is used to get count of Pending authorization item.

- URL: [api_endpoint]/authorization/count
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| category_cd | String(5) | 'ADM' – Administration | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-------------------------|--|-------------------------------------|
| pending_auth_count_list | List of Pending Authorization Count Object | List of Pending Authorization Count |

9.17 Subscriber Transaction Notification Maintenance Pending Authorization

This operation is used to get Pending Authorized of transaction notification maintenance data list of an Organization.

- URL: [api_endpoint]/authorization/administration/trxnotif/pending_auth_list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------|--|---|
| trx_notif_list | List of Transaction Notif Object | List of Transaction Notification object |
| total_records | Integer | Numbers of data without pagination |

9.18 Subscriber Transaction Notification Maintenance Authorization

This operation is used to perform Authorization of Pending transaction notification maintenance of an Organization.

- URL: [api_endpoint]/authorization/administration/trxnotif/maintenance_auth
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------------|--|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| action_cd | String(1) | 'A' – Approve, 'R' – Reject | Yes |
| pending_authpol_list | List of Transaction Notif Object | List of Pending Authorization Policy Maintenance Record Object | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------------|--|--|
| trxnotif_result_list | List of Common Authorization Result Object | List of Authorization Policy Maintenance Authorization Result Object |

10 Transaction

Supported operations for Transaction resource:

10.1 List Transaction Notes

This operation is used to get list of transaction notes for selected transaction.

- URL: [api_endpoint]/transaction/txn_notes_list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|---------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| pymt_master_id | String(36) | Selected payment ID | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------|---|----------------------------------|
| list_txn_notes | List of Transaction Note object | List of Transaction Notes object |

10.2 List Audit Trail

This operation is used to get audit trail data from selected transaction.

- URL: [api_endpoint]/transaction/audit_trail
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|---------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| pymt_master_id | String(36) | Selected payment ID | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------|---|---------------------------------------|
| list_audit | List of Transaction Audit object | List of Transaction Audit object |
| list_auth_list | List of Transaction Authorization Sequence Master | List of Transaction Authorization Set |

10.3 List Future Dated Transaction

This operation is used to get list of future dated transaction for logged in user.

- URL: [api_endpoint]/transaction/future_dated
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| n_days | Integer | Next n days transactions | Yes |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--|--|
| list_trx | List of Transaction object | List of Transaction object |
| total_rows | Integer | Total rows of all record selected without pagination |

10.4 Get Source Account List

This operation is used to get debit account available for create transaction.

- URL: [api_endpoint]/transaction/source_acct
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | String(10) | Product code/Transaction type. See Appendix 15.1 | Yes |
| ccy_cd | String(3) | Currency code | No |
| acct_no | String(20) | Account number | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--|------------------------|
| list_account | List of Account object | List of Account object |

10.5 Check Cut Off Time

This operation is used to check if Cut Off Time for specified product type is already passed or not.

- URL: [api_endpoint]/transaction/check_cot
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | String(10) | Product code/Transaction type. See Appendix 15.1 | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------|---------------------|---------------------|
| is_cot | Boolean | Cut off time flag |
| bus_hour_start | String Time (HH:mm) | Business hour start |
| bus_hour_end | String Time (HH:mm) | Business hour end |

10.6 View Status

This operation is used to get detail status of selected transaction. This operation only applicable for file upload transaction.

- URL: [api_endpoint]/transaction/view_status
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| trx_source | String(10) | Transaction Source See Appendix 15.2 | Yes |
| pymt_master_id | String(36) | Payment ID | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|---|---|
| list_account | List of Transaction Status Count object | List of Transaction Status Count object |

10.7 Transaction Item Summary

This operation is used to get item summary of selected transaction. This operation only applicable for file upload transaction.

- URL: [api_endpoint]/transaction/item_summary
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| trx_source | String(10) | Transaction Source See Appendix 15.2 | Yes |
| pymt_master_id | String(36) | Payment ID | Yes |
| trx_status | String(3) | Transaction status filter | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|------------------|--|------------------------------------|
| list_trx_summary | List of Transaction Summary object | List of Transaction Summary object |

10.8 Transaction Data List

This operation is used to get list of transaction that available for logged in user.

- URL: [api_endpoint]/transaction/data_list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-----------------|-------------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | List of String | Product code filter. See Appendix 15.1 | No |
| value_date_from | Date (YYYY-MM-DD) | Value date filter | No |
| value_date_to | Date (YYYY-MM-DD) | Value date filter | No |
| amount_from | Numeric(18,2) | Amount filter | No |
| amount_to | Numeric(18,2) | Amount filter | No |
| debit_acct_no | String(20) | Debit account filter | No |
| debit_acct_ccy | String(3) | Debit account currency | No |
| transfer_ccy | String(3) | Transfer/transaction currency filter | No |
| source_trx | List of String | Payment source filter: See Appendix 15.2 for Transaction Source List. | Yes |

| Parameter Name | Data Type | Description | Mandatory |
|------------------|-------------------|--|-----------|
| | | Could be consist of multiple transaction source code but must be on same group: Group 1: MN, NB, TON Group 2: BLIDR, BLFCY Group 3: TOF Group 4: VA | |
| source_file_name | String(100) | Source file name (if applicable) | No |
| upload_date | Date (YYYY-MM-DD) | Date uploaded (if applicable) | No |
| bank_ref | String(50) | Bank reference filter | No |
| cust_ref | String(24) | Customer reference filter | No |
| on_behalf | String(100) | On behalf/Sender Name filter | No |
| trx_status | String(3) | Transaction status filter | No |
| pymt_master_id | String(36) | Selected payment ID / File ID If value = numeric (File ID) only for NB, it will return "transaction level" data If value = guid (payment id) for all txn, it will return "complete transaction data" for individual transaction record | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--|--|
| list_trx | List of Transaction object | List of Transaction object |
| total_rows | Integer | Total rows of all record selected without pagination |

10.9 Generate Bank Reference

This operation is used to generate bank reference when create new payment.

- URL: [api_endpoint]/transaction/bank_ref
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | String(10) | Product code. See Appendix 15.1 | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|------------|----------------|
| bank_ref | String(50) | Bank Reference |

10.10 Inquiry Online Transfer

This operation is used to inquiry domestic online transfer beneficiary account.

- URL: [api_endpoint]/transaction/inquiry/olt
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| bank_ref | String(50) | Bank Reference <i>Set value to 'SYSTEMREF000' for using the service just to online checking the beneficiary name of other domestic bank account</i> | Yes |
| debit_acct_no | String(20) | Debit account no <i>Set value to '000000000000' for using the service just to online checking the beneficiary name of other domestic bank account</i> | Yes |
| debit_acct_ccy | String(3) | Debit account currency <i>Set value to 'IDR' for using the service just to online checking the beneficiary name of other domestic bank account</i> | Yes |
| bene_acct_no | String(35) | Beneficiary account no | Yes |
| bene_bank_code | String(3) | Beneficiary bank ID | Yes |
| cust_ref | String(24) | Customer reference | No |

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-------------------|--|-----------|
| amount | Numeric(18,2) | Transfer amount <i>Set value to '10000' for using the service just to online checking the beneficiary name of other domestic bank account</i> | Yes |
| effective_date | Date (YYYY-MM-DD) | Effective date | Yes |
| lang | String(2) | Selected language: en: English id: Bahasa Indonesia | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|------------------|--|--------------------------|
| inq_session_id | String(50) | Inquiry session ID |
| bill_ref_no | String(50) | Bill reference number |
| beneficiary_name | String(50) | Beneficiary account name |
| details | JSON data object for Screen Data of Bill Presentment and Online Transfer | Inquiry response data |

10.11 Inquiry Bill Payment

This operation is used to inquiry billing.

- URL: [api_endpoint]/transaction/inquiry/bpm
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-------------------|--------------------------------------|------------------------------------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| bank_ref | String(50) | Bank Reference | Yes |
| debit_acct_no | String(20) | Debit account no | Yes |
| debit_acct_ccy | String(3) | Debit account currency | Yes |
| billing_id | String(40) | Billing ID | Yes |
| billing_org_id | String(20) | Billing Organization ID/ Biller Code | Yes |
| cust_ref | String(24) | Customer reference | No |
| Amount | Numeric(18,2) | Transfer amount | Mandatory when Biller FlowType = 0 |
| effective_date | Date (YYYY-MM-DD) | Effective date | Yes |
| Lang | String(2) | Selected language: | Yes |

| | |
|--|-------------------------------------|
| | en: English id: Bahasa Indonesia |
|--|-------------------------------------|

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|------------------------|--|------------------------------|
| inq_session_id | String(50) | Inquiry session ID |
| last_month_inv_amt | Numeric(18,2) | Last month invoice amount |
| last_month_inv_caption | String(40) | Last month invoice caption |
| last_month_inv_ref | String(40) | Last month invoice reference |
| total_inv_amt | Numeric(18,2) | Total invoice amount |
| total_inv_caption | String(40) | Total invoice caption |
| total_inv_ref | String(40) | Total invoice reference |
| Details | JSON data object for Screen Data of Bill Presentment and Online Transfer | Inquiry response data |

10.12 Submit Funds Transfer Transaction

This operation is used to submit new funds transfer transaction.

- URL: [api_endpoint]/transaction/fundstransfer/submit
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-----------------|-------------|--|----------------------------------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | String(5) | Prod Code (IFT, OAT, RTGS, LLG, TT, OLT) | Yes |
| bank_ref | String(50) | Bank reference generated from transaction/bank_ref operation | Conditional: Mandatory for OLT |
| customer_ref | String(20) | Customer Reference | No |
| debit_acct_no | String(20) | Debit account no | Yes |
| debit_acct_ccy | String(3) | Debit account currency | Yes |
| sender_name | String(35) | Sender name | Mandatory for RTGS, LLG, TT, OLT |
| sender_address1 | String(100) | Sender address 1 | Mandatory for RTGS, LLG, TT |
| sender_address2 | String(100) | Sender address 2 | Optional for RTGS, LLG, TT |

| Parameter Name | Data Type | Description | Mandatory |
|----------------------|-------------|--|--|
| sender_address3 | String(100) | Sender address 3 | Optional for RTGS, LLG, TT |
| bene_acct_no | String(35) | Beneficiary account no | Yes |
| bene_acct_ccy | String(3) | Beneficiary account currency | Yes |
| bene_acct_mc_bit | String(1) | | Mandatory for IFT/OAT |
| bene_acct_type | String(1) | | Mandatory for IFT/OAT |
| bene_acct_branch | String(5) | | Mandatory for IFT/OAT |
| bene_acct_status | String(1) | | Mandatory for IFT/OAT |
| bene_name | String(100) | Beneficiary name | Yes |
| bene_address1 | String(100) | Beneficiary address 1 | Mandatory for RTGS, LLG, TT |
| bene_address2 | String(100) | Beneficiary address 2 | Optional for RTGS, LLG, TT |
| bene_address3 | String(100) | Beneficiary address 3 | Optional for RTGS, LLG, TT |
| bene_bank_code | String(10) | Beneficiary bank code | Mandatory for RTGS, LLG, OLT, FAST |
| bene_bank_name | String(100) | | Mandatory for RTGS, LLG, TT, OLT, FAST |
| bene_bank_network_id | String(20) | RTGS – RTGS Member Code LLG - Clearing ID TT - SwiftID | Mandatory for RTGS, LLG, TT |
| bene_bank_branch | String(50) | | Mandatory for RTGS, LLG |
| bene_bank_country | String(2) | | Mandatory for TT |
| bene_bank_city | String(50) | Beneficiary Bank City | Mandatory for TT |
| bene_bank_address | String(100) | | Mandatory for RTGS, LLG, TT |
| bene_bank_address2 | String(100) | | Optional just for TT |
| bene_bank_address3 | String(100) | | Optional just for TT |
| value_date | Date | yyyy-MM-dd | Yes |
| exec_time_batch_cd | String (5) | Default 'B0000' or Blank | No |

| Parameter Name | Data Type | Description | Mandatory |
|------------------------|---------------|---|---|
| | | See Appendix Execute Time Batch | |
| Amount | Numeric(18,2) | Transfer amount | Yes |
| amount_ccy | String(3) | | Yes |
| Remarks | String(100) | | No |
| fx_type | String(1) | C - Counter S - Special Rate | Mandatory Only if Debit Ccy != Credit Ccy |
| fx_rate | Numeric | | Mandatory if FxType = 'C' |
| fx_dealer_name | String(35) | | Mandatory if FxType = 'S' |
| fx_contract_no | String(30) | | Mandatory if FxType = 'S' |
| fx_dealer_rate | Numeric | | Mandatory if FxType = 'S' |
| save_bene | Boolean | | No |
| bene_nick_name | String(40) | | Mandatory if save_bene = true |
| bene_email | String(100) | | No |
| bene_phone | String(20) | | No |
| check_customer_ref | Boolean | | No |
| check_transfer_amount | Boolean | | No |
| save_favorite | Boolean | | No |
| save_template | Boolean | | No |
| template_name | String (50) | | Mandatory if save_template = true |
| send_notif_sender | Boolean | | No |
| notif_sender_completed | Boolean | | Mandatory if send_notif_sender = true |
| notif_sender_rejected | Boolean | | Mandatory if send_notif_sender = true |
| notif_sender_suspected | Boolean | | Mandatory if send_notif_sender = true |
| notif_sender_email | String(100) | | Mandatory if send_notif_sender = |

| Parameter Name | Data Type | Description | Mandatory |
|------------------------------|-------------|---|---|
| | | | true AND notif_sender_phone is blank |
| notif_sender_phone | String(30) | | Mandatory if send_notif_sender = true AND notif_sender_email is blank |
| send_notif_bene | Boolean | | No |
| notif_bene_email | String(100) | | Mandatory if send_notif_bene = true AND notif_bene_email is blank |
| notif_bene_phone | String(20) | | Mandatory if send_notif_bene = true AND notif_bene_phone is blank |
| save_recurring | Boolean | | No |
| recurring_type | String(2) | D0 - Weekly D1 - Monthly D2 - Daily | Mandatory if save_recurring = true |
| recurring_value | String(3) | When Type = 'D0' 1 - SUNDAY, 2 - MONDAY ... 7 - SATURDAY When Type = 'D1' Specify Date (1 to 31) When Type = 'D2' Specify the recurring will be occurs every n days, n = 1-100 | Mandatory if save_recurring = true |
| recurring_start | Date | YYYY-MM-DD | Mandatory if save_recurring = true |
| recurring_end | Date | YYYY-MM-DD | Mandatory if save_recurring = true |
| recurring_exec_time_batch_cd | String (5) | Default 'B0000' or Blank See Appendix Execute Time Batch | Mandatory if save_recurring = true |
| resident_status | String(2) | Get Regulatory Information Data | Mandatory For: RTGS, LLG, TT |
| remitter_country_residence | String(2) | Get Country List | Mandatory For: TT |

| Parameter Name | Data Type | Description | Mandatory |
|-------------------------|--|--|--|
| remitter_category | String(4) | Get Regulatory Information Data | Mandatory For: LLG, TT |
| bene_country_residence | String(2) | Get Country List | Mandatory For: TT |
| bene_category | String(4) | Get Regulatory Information Data | Mandatory For: LLG, TT |
| bene_affiliation_status | String(1) | Get Regulatory Information Data | Mandatory For: TT |
| payment_purpose | String(5) | Get Regulatory Information Data | Mandatory For: TT |
| swift_charges_method | String(3) | SHA - Shared OUR - Ourselves | Mandatory for: TT |
| underlying_type | String(10) | Default = '99' | Conditional Applicable for TT Only with Amount > USD 100000 or equivalent |
| underlying_doc | String | BASE64 Encoded File | Conditional Applicable for TT Only with Amount > USD 100000 or equivalent |
| session_id | String(50) | | Mandatory for: OLT |
| bill_ref_no | String(50) | | Mandatory for: OLT |
| response_data | JSON data object for Screen Data of Bill Presentment and Online Transfer | Inquiry response data | Mandatory for: OLT |
| is_favorite_bene | String(1) | Favorite Flag for Beneficiary | Mandatory if save_bene = 'Y' |
| bene_id | String(36) | GUID for Bene for update favorite bene | No |
| validation_check | String(1) | Y : only validation process N : validation and submit transaction (Default) | No |
| additional_info | String (1000) | Additional remark (free text) | No |
| proxy_type | String(10) | FAST01: Acc No FAST02: Mobile No FAST03: Email Address | Mandatory for prod_cd = 'FAST' |

| Parameter Name | Data Type | Description | Mandatory |
|------------------|--|---|---------------------------------|
| proxy_data | String(50) | | Mandatory for prod_cd = 'FAST' |
| charges_acct_no | String(35) | ChargesAccount Number Applicable for prod_cd = 'Fast' | |
| charges_acct_ccy | String(3) | ChargesAccount Currency Applicable for prod_cd = 'Fast' | |
| trx_purpose | String(2) | 01 - Investment 02- Transfer of Wealth 03-Purchase 99 - Others | Mandatory when prod_cd = 'FAST' |
| bifast_data | BIFAST Inquiry Data Object | Inquiry response data | Mandatory when prod_cd = 'FAST' |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|------------------------------------|--|
| trx_data | Transaction object | Transaction detail |
| error_message | String(255) | System error message if the transaction failed to complete |

10.13 Get Funds Transfer Beneficiary List

This operation is used to get beneficiary list for any funds transfer.

- URL: [api_endpoint]/transaction/beneficiaries
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|--------------------|----------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | List of String | Product code. See Appendix 15.1 | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |
| show_favorite_only | String(1) | Default = 'N' | No |
| debit_acct_no | String(20) | Debit account no | Yes |

| | | | |
|----------------|-----------|------------------------|-----|
| debit_acct_ccy | String(3) | Debit account currency | Yes |
|----------------|-----------|------------------------|-----|

➤ Http response 200 data code for "00000" response_code

| Element Name | Data Type | Description |
|------------------|--|--|
| beneficiary_list | Beneficiary List (Funds Transfer) Object | |
| total_rows | Integer | Total rows of all record selected without pagination |

10.14 Get Bill Presentment Beneficiary List

This operation is used to get beneficiary list for any bill presentment.

- URL: [api_endpoint]/transaction/payees
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|--------------------|------------|--------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| biller_code | String(20) | Biller Code | No |
| group_name | String(50) | Group Name | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |
| show_favorite_only | String(1) | Default = 'N' | No |

➤ Http response 200 data code for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--|--|
| payee_list | Payee List (Bill Presentment) Object | |
| total_rows | Integer | Total rows of all record selected without pagination |

10.15 Submit Transaction Payment (Bill Presentment/Purchase and ETAX)

This operation is used to submit new transaction for bill presentment/purchase and etax.

- URL: [api_endpoint]/transaction/payment/submit
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |

| Parameter Name | Data Type | Description | Mandatory |
|------------------------|---------------|---|---|
| prod_cd | String(5) | BP = Bill Presentment/Purchase ETAX = Tax MPNG2 | Yes |
| bank_ref | String(50) | Bank reference generated from transaction/bank_ref operation | Yes |
| customer_ref | String(20) | Customer Reference | No |
| debit_acct_no | String(20) | Debit account no | Yes |
| debit_acct_ccy | String(3) | Debit account currency | Yes |
| billing_id | String(50) | Customer ID | Yes |
| billing_org_id | String(20) | BP = Biller Code ETAX = 0000000 | Yes |
| billing_org_name | String(50) | Biller Name | Yes |
| value_date | Date | yyyy-MM-dd | Yes |
| exec_time_batch_cd | String (5) | Default "B0000" or Blank See Appendix Execute Time Batch | No |
| amount | Numeric(18,2) | Transfer amount | Yes |
| amount_ccy | String(3) | | Yes |
| save_template | Boolean | Save as payee Not applicable for ETAX | No |
| template_name | String (50) | | Mandatory if save_template (save as payee) = true |
| send_notif_sender | Boolean | | No |
| notif_sender_completed | Boolean | | Mandatory if send_notif_sender = true |
| notif_sender_rejected | Boolean | | Mandatory if send_notif_sender = true |
| notif_sender_suspected | Boolean | | Mandatory if send_notif_sender = true |
| notif_sender_email | String(100) | | Mandatory if send_notif_sender = true AND notif_sender_phone is blank |

| Parameter Name | Data Type | Description | Mandatory |
|------------------------------|--|---|---|
| notif_sender_phone | String(20) | | Mandatory if send_notif_sender = true AND notif_sender_email is blank |
| save_recurring | Boolean | | No |
| recurring_type | String(2) | D0 - Weekly D1 - Monthly D2 - Daily | Mandatory if save_recurring = true |
| recurring_value | String(3) | When Type = 'D0' 1 - SUNDAY, 2 - MONDAY ... 7 - SATURDAY When Type = 'D1' Specify Date (1 to 31) When Type = 'D2' Specify the recurring will be occurs every n days, n = 1-100 | Mandatory if save_recurring = true |
| recurring_start | Date | YYYY-MM-DD | Mandatory if save_recurring = true |
| recurring_end | Date | YYYY-MM-DD | Mandatory if save_recurring = true |
| recurring_exec_time_batch_cd | String (5) | Default 'B0000' or Blank See Appendix Execute Time Batch | Mandatory if save_recurring = true |
| session_id | String(50) | | Yes |
| bill_ref_no | String(50) | | Yes |
| response_data | JSON data object for Screen Data of Bill Presentment and Online Transfer | Inquiry response data | Yes |
| validation_check | String(1) | Y : only validation process N : validation and submit transaction (Default) | No |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|------------------------------------|--------------------|
| trx_data | Transaction object | Transaction detail |

| | | |
|---------------|-------------|--|
| error_message | String(255) | System error message if the transaction failed to complete |
|---------------|-------------|--|

10.16 Update Status Transaction

This operation is used to change status of a transaction

- URL: [api_endpoint]/transaction/update_status
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|------------------|------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | String(5) | Product code filter. See Appendix 15.1 | Yes |
| version | String(1) | Version | Yes |
| pymt_master_id | String(36) | Selected payment ID | Yes |
| validation_check | String(1) | Y : only validation process N : validation and submit transaction (Default) | No |
| trx_status | String(3) | Transaction status. See Appendix 15.3 | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|------------------------------------|--|
| trx_data | Transaction object | Transaction detail |
| error_message | String(255) | System error message if the transaction failed to complete |

10.17 Add Transaction Notes

This operation is used to add transaction notes

- URL: [api_endpoint]/transaction/txn_notes_list/add
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|--------------|--------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| pymt_master_id | String(36) | Selected payment ID | Yes |
| remark | String(1000) | Transaction Notes Remark | Yes |

- Http response 200 data node for "00000" response_code

10.18 Delete Transaction Notes

This operation is used to delete transaction notes

- URL: [api_endpoint]/transaction/txn_notes_list/delete
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|----------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| trx_note_id | String(36) | Transaction Notes ID | Yes |

- Http response 200 data node for "00000" response_code

10.19 Download Payment Receipt

This operation is used to download receipt transaction

- URL: [api_endpoint]/transaction/receipt
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|--------------------|------------|---------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| pymt_master_id | String(36) | Selected payment ID | Yes |
| is_detail | String(1) | Default = 'Y' | No |
| is_additional_info | String(1) | Default = 'N' | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|-------------|------------------------|
| doc_path | String(255) | Document download path |

10.20 List Upload Notes

This operation is used to get list of upload notes for selected transaction.

- URL: [api_endpoint]/transaction/upload_notes_list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| batch_id | String(36) | Selected batch ID | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|-----------|-------------|
|--------------|-----------|-------------|

| | | |
|-------------------|--|----------------------------------|
| list_upload_notes | List of Upload Note object | List of Transaction Notes object |
|-------------------|--|----------------------------------|

10.21 Add Upload Notes

This operation is used to add upload notes

- URL: [api_endpoint]/transaction/upload_notes_list/add
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|--------------|---------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| batch_id | String(36) | Selected batch ID | Yes |
| remark | String(1000) | Upload Notes Remark | Yes |

- Http response 200 data node for "00000" response_code

10.22 Delete Upload Notes

This operation is used to delete upload notes

- URL: [api_endpoint]/transaction/upload_notes_list/delete
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| upload_notes_id | String(36) | Upload Notes ID | Yes |

- Http response 200 data node for "00000" response_code

10.23 Transaction Summary

This operation is used to list of transaction data for logged in user.

- URL: [api_endpoint]/transaction/trx_summary
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|----------------|---|-------------------------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| source | String(20) | Transaction source. See Appendix 15.2 for Transaction Source List. | No Default Value: MN |
| status | String(3) | Task status code | No |
| list_prod_cd | List of String | List of selected product code. Only applicable for MN and NB source | No |
| pymt_master_id | String(36) | Selected payment ID / File ID | No |

| Parameter Name | Data Type | Description | Mandatory |
|------------------|-------------------|----------------------------------|-----------|
| value_date_from | Date (YYYY-MM-DD) | Value date filter | No |
| value_date_to | Date (YYYY-MM-DD) | Value date filter | No |
| source_file_name | String(100) | Source file name (if applicable) | No |
| upload_date_from | Date (YYYY-MM-DD) | Upload date filter | No |
| upload_date_to | Date (YYYY-MM-DD) | Upload date filter | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--|--|
| list_trx | List of Transaction object | List of transaction object |
| total_rows | Integer | Total rows of all record selected without pagination |

10.24 Check Value Date

This operation is used to validate of value date.

- URL: [api_endpoint]/transaction/check_value_date
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--|--------------------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | String(5) | Prod Code (IFT, OAT, RTGS, LLG, TT, OLT, FAST) | Yes |
| value_date | Date | yyyy-MM-dd | Yes |
| bene_acct_ccy | String(3) | Beneficiary account currency | Yes |
| debit_acct_ccy | String(3) | Debit account currency | Yes |
| bene_bank_code | String(10) | Beneficiary bank code | Mandatory for RTGS |

| Parameter Name | Data Type | Description | Mandatory |
|----------------------|------------|--|----------------------------|
| bene_bank_network_id | String(20) | RTGS – RTGS Member Code LLG - Clearing ID | Mandatory for RTGS, LLG |
| bene_bank_branch | String(50) | Beneficiary Bank Branch | Mandatory for RTGS |
| bene_bank_country | String(2) | Beneficiary Country | Mandatory for TT |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-----------------|-----------|--|
| is_backdated | String | Y : value date is backdated N : value date is valid |
| is_cot | String | Y : value date is exceeded cut off time N : value date is valid |
| is_holiday | String | Y : value date is on holiday N : value date is valid |
| next_value_date | Date | Valid Value Date |

10.25 Purchase Inquiry

This operation is used to perform inquiry of purchase.

- URL: [api_endpoint]/transaction/inquiry/purchase
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-------------------|--------------------------------------|--|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| bank_ref | String(50) | Bank Reference | Yes |
| debit_acct_no | String(20) | Debit account no | Yes |
| debit_acct_ccy | String(3) | Debit account currency | Yes |
| billing_id | String(40) | Billing ID | Yes |
| billing_org_id | String(20) | Billing Organization ID/ Biller Code | Yes |
| cust_ref | String(24) | Customer reference | No |
| amount | Numeric(18,2) | Transfer amount | Mandatory when Biller FlowType = 0 |
| effective_date | Date (YYYY-MM-DD) | Effective date | Yes |
| lang | String(2) | Selected language: en: English | Yes |

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-----------|----------------------|-----------|
| | | id: Bahasa Indonesia | |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------------|--|-----------------------|
| inq_session_id | String(50) | Inquiry session ID |
| purchase_data_list | List of Purchase Data Object | Purchase Data Object |
| details | JSON data object for Screen Data of Bill Presentment and Online Transfer | Inquiry response data |

10.26 MT103 Inquiry

This operation is used to perform inquiry of MT103.

- URL: [api_endpoint]/transaction/inquiry/mt103
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | String(5) | Prod Code (RTGS or TT) | Yes |
| pymt_master_id | String(36) | Selected payment ID / File ID | Yes |
| bank_ref | String(50) | Bank Reference | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--------------------------------------|--------------|
| mt103_data | List of MT103 Object | MT103 Object |

10.27 SWIFT GPI Outbound Tracking

This operation is used to perform tracking of Outbound Telegraphic Transfer.

- URL: [api_endpoint]/transaction/gpi/outbound/inquiry
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| remittance_no | String(30) | Remittance Number | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--|-------------|
| gpi_data | SWIFT GPI Outbound Data Object | |

10.28 Inquiry Transaction Time Batch

This operation is used to perform inquiry of Execution Time Batch for Particular Funds Transfer or Payment & Purchase

- URL: [api_endpoint]/transaction/time-batch/inquiry
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|----------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd_list | List of String | List of Product Code / Transaction Type When Blank/Not Specified will return All Lists Applicable Product Codes: IFT, OAT, OLT, LLG, RTGS, TT, BPM, ETAX, FAST | No |
| lang | String(2) | Selected language: en: English id: Bahasa Indonesia | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-----------------|---|-------------|
| time_batch_list | List of Execute Time Batch Object | |

10.29 Inquiry Transaction BIFAST

This operation is used to perform inquiry of BIFAST Transfer for Particular Funds Transfer

- URL: [api_endpoint]/transaction/inquiry/bifast
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| proxy_data | String(100) | | Yes |
| proxy_type | String(6) | FAST01: Acc No FAST02: Mobile No FAST03: Email Address | Yes |
| debit_acct_no | | | |

| Parameter Name | Data Type | Description | Mandatory |
|----------------|---------------|--|-----------|
| bene_acct_no | | | |
| bene_acct_ccy | | | |
| bene_bank_id | | | |
| bene_bank_name | | | |
| bank_reff | | | |
| cust_reff | | | |
| sender_name | | | |
| amount | Numeric(18,2) | | |
| amount_ccy | String(3) | | |
| value_date | Date | | |
| trx_purpose | String (2) | 01- Investment 02- Transfer of Wealth 03- Purchase 99- Others | |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------------|--|-------------|
| inquiry_bifast_data | BIFAST Inquiry Data Object | |

11 Transaction ONFX

Supported operations for Transaction ONFX resource:

11.1 Inquiry ONFX Rate

This operation is used to get exchange rate for ONFX transaction.

- URL: [api_endpoint]/onfx/rate
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| ccy_cd | String(3) | Currency Code | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------|-----------------------------------|-------------------|
| list_onfx_rate | List of ONFX Rate | List of ONFX Rate |

11.2 List of ONFX Currency

This operation is used to get list of available currencies for ONFX transaction.

- URL: [api_endpoint]/v2/onfx/currency
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|----------------|-----------------------|
| list_onfx_ccy | List Of String | List of Currency Code |

11.3 Inquiry ONFX Rate (V2)

This operation is used to get exchange rate for ONFX transaction.

- URL: [api_endpoint]/v2/onfx/rate
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|----------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| ccy_cd1 | String(3) | First Currency Code | No |
| ccy_cd2 | String(3) | Second Currency Code | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-------------------|--|----------------------|
| list_onfx_rate_v2 | List of ONFX Rate (v2) | List of ONFX Rate v2 |

11.4 Post ONFX

This operation is used to post ONFX transaction data.

- URL: [api_endpoint]/onfx/post
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|---------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| debit_acct_no | String(20) | Debit account no | Yes |
| debit_acct_ccy | String(3) | Debit account currency | Yes |
| amount | Numeric(18,2) | Transfer amount | Yes |
| amount_ccy | String(3) | Transfer currency | Yes |
| bene_acct_no | String(20) | Beneficiary account no | Yes |
| bene_acct_ccy | String(3) | Beneficiary account currency | Yes |
| bene_acct_name | String(40) | Beneficiary account name | Yes |
| remarks | String(200) | Payment remarks | No |
| purpose | String(2) | Payment purpose: ID: Individual BS: Business | Yes |
| device_id | String(255) | Device ID | Yes |
| fx_rate | Numeric(13,7) | FX rate | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|------------------------------------|--|
| trx_data | Transaction object | Transaction detail |
| error_message | String(255) | System error message if the transaction failed to complete |

11.5 Post ONFX (V2)

This operation is used to post ONFX transaction data.

- URL: [api_endpoint]/v2/onfx/post
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|---------------------------------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| debit_acct_no | String(20) | Debit account no | Yes |
| debit_acct_ccy | String(3) | Debit account currency | Yes |
| amount | Numeric(18,2) | Transfer amount | Yes |
| amount_ccy | String(3) | Transfer currency | Yes |
| bene_acct_no | String(20) | Beneficiary account no | Yes |
| bene_acct_ccy | String(3) | Beneficiary account currency | Yes |
| bene_acct_name | String(40) | Beneficiary account name | Yes |
| remarks | String(200) | Payment remarks | No |
| purpose | String(2) | Payment purpose: ID: Individual BS: Business | Yes |
| device_id | String(255) | Device ID | Yes |
| onfx_rate | Object ONFX Rate (v2) | ONFX Rate (v2) Object based on customer confirmation | Yes |
| prepost_check | String(1) | Pre post Check Only 'Y' = Only perform validation check 'N' = Commit ONFX Transaction Default = 'N' 'X' = Perform Cancel Action | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|------------------|------------------------------------|--|
| trx_data | Transaction object | Transaction detail |
| error_message_en | String(255) | System error message if the transaction failed to complete |
| error_message_id | String(255) | System error message if the transaction failed to complete |

12 Holiday

Supported operations for Holiday resource:

12.1 List Holiday Calendar

This operation is used to get list of general holiday calendar.

- URL: [api_endpoint]/holiday/calendar
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | No |
| usr_cd | String(50) | User Code | No |
| year | Integer | Selected year | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-----------------------|--|---------------------------------|
| list_holiday_calendar | List of Holiday Calendar | List of Holiday Calendar object |

12.2 List Product Holiday

This operation is used to get list of holiday date based on selected product type.

- URL: [api_endpoint]/holiday/product
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|---|-----------|
| org_cd | String(50) | Organization Code | No |
| usr_cd | String(50) | User Code | No |
| year | Integer | Selected year | Yes |
| prod_cd | String(10) | Product code/Transaction type. See Appendix 15.1 | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------------|---|--------------------------------|
| list_holiday_product | List of Holiday Product | List of Holiday Product object |

13 Others

Supported operations for Other resource:

13.1 Feedback

This operation is used to send customer feedback.

- URL: [api_endpoint]/others/feedback
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-------------------------------------|--|-------------|
| email | String(255) | Customer email | Yes |
| phone | String(20) | Customer phone number | Yes |
| category | String(1) | Feedback category: C: Complaint S: Suggestion Q: Question | Yes |
| feedback | String(1000) | Customer feedback description | Yes |
| attachments | List of File object | List of file object attachment | No |
| org_cd | String(50) | Organization code. Required if the device is already binded. | Conditional |
| usr_cd | String(50) | User code. Required if the device is already binded. | Conditional |
| device_id | String(36) | Customer device id | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

- Http response 200 for this operation does not contains any data response.

13.2 Frequently Ask Questions

This operation is used to get list of FAQ data.

- URL: [api_endpoint]/others/faq
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-----------|-------------------|-----------|
| faq_cat_cd | String(6) | FAQ category code | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|------------------------------------|--------------------|
| list_faq | List of FAQ object | List of FAQ object |

13.3 FAQ Feedback

This operation is used to send customer feedback about selected FAQ item.

- URL: [api_endpoint]/others/faq/feedback
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--|-------------|
| faq_id | String(36) | FAQ identifier | Yes |
| feedback | String(1) | FAQ feedback: Y: Helpful N: Not helpful | Yes |
| org_cd | String(50) | Organization code. Required if the device is already binded. | Conditional |
| usr_cd | String(50) | User code. Required if the device is already binded. | Conditional |
| device_id | String(36) | Customer device id | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

- Http response 200 for this operation do not contains any data response.

13.4 Term and Conditions

This operation is used to get Term and Conditions data.

- URL: [api_endpoint]/others/tnc
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-----------|--|-----------|
| tnc_type | String(4) | Term and condition type: ONFX: ONFX transaction FX: Buy foreign exchange transaction TDAO: Time deposit account opening | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|-----------------------------|-------------|
| file | File object | File object |

13.5 Confirmation of Term and Conditions

This operation is used to get Term and Conditions data.

- URL: [api_endpoint]/others/tnc_confirm
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|------------------|-----------------------------|--|-----------|
| txn_reference_no | String (50) | Transaction Reference Number corresponds to the current transaction. Value can be a BankReferenceNo | Yes |
| tnc_type | String(4) | Term and condition type: ONFX: ONFX transaction FX: Buy foreign exchange transaction TDAO: Time deposit account opening | Yes |
| file | File object | File object based on Term and Conditions API | |

- Http response 200 for this operation do not contains any data response.

13.6 Get list of Banks

This operation is used to get Bank List Data (Domestic and Swift).

- URL: [api_endpoint]/others/banks
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-----------------------|-------------|--|-----------|
| transfer_type | String(3) | RT = RTGS LL = LLG OLT = Online Transfer TT = Telegraphic Transfer FAST = BI FAST | Yes |
| country_code | String(2) | 'ID' = Default when Blank and Mandatory for transfer_type = 'TT' | No |
| bank_code | String(10) | Applicable when transfer_type = 'RT', 'LL', 'FAST' | No |
| bank_name | String(100) | | No |
| branch_name | String(50) | Applicable when transfer_type = 'RT', 'LL', and transfer_type = 'TT' (for TT value equals to City) | No |
| network_clearing_code | String(20) | Applicable for RTGS/LLG/Telegraphic Transfer RTGS = RTGS Member Code LLG = BI Clearing Code Telegraphic Transfer = Swift Code | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|---|--|
| bank_list | List of Bank List Info object | Bank List object |
| total_rows | Integer | Total rows of all record selected without pagination |

13.7 Get list of Billing Organization

This operation is used to get Billing Organization List (Bill Presentment/Bill Payment).

- URL: [api_endpoint]/others/billing_organization
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--------------------------------|-----------|
| locale | String(2) | ID = Indonesia EN = English | No |
| grp_name | String(50) | Group Name | No |
| biller_name | String(50) | Biller Name | No |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--|--------------------|
| biller_list | Billing Organization List object | Biller List object |

13.8 Get Country List

This operation is used to get List of Countries

- URL: [api_endpoint]/others/country
- Request Parameter – no parameter required
- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|-------------------------------------|---------------------|
| country_list | Country List object | Country List object |

13.9 Get Regulatory Information Data

This operation is used to get Regulatory Info

- URL: [api_endpoint]/others/regulatory
- Request Parameter – no parameter required
- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-----------------|--|-----------------------------|
| category_list | Category List (Regulatory) object | Category List object |
| resident_status | Resident Status List (Regulatory) object | Resident Status List Object |

| | | |
|---------------------|--|-----------------------------|
| relationship_status | Relationship Status List (Regulatory) object | Relationship List Object |
| underlying_type | Underlying Type List (Regulatory) object | Underlying Type List Object |
| payment_purpose | Payment Purpose List (Regulatory) object | Payment Purpose List Object |

13.10 Get Bank Swift

This operation is used to get Bank List Data (Domestic and Swift).

- URL: [api_endpoint]/others/banks
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-----------------------|------------|-----------------------------------|-----------|
| network_clearing_code | String(20) | Telegraphic Transfer = Swift Code | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|----------------------------------|------------------|
| bank_info | Bank Info object | Bank List object |

13.11 Term and Conditions (V2)

This operation is used to get Term and Conditions data.

- URL: [api_endpoint]/others/v2/tnc
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|-----------|--|-----------|
| tnc_type | String(4) | Term and condition type: ONFX: ONFX transaction FX: Buy foreign exchange transaction TDAO: Time deposit account opening | Yes |
| ccy_code | String(3) | For TDAO tnc_type Blank : return all file | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|-------------------------------------|-------------|
| file_list | List of File object | File object |

13.12 Confirmation of Term and Conditions (V2)

This operation is used to get Term and Conditions data.

- URL: [api_endpoint]/others/v2/tnc_confirm
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|------------------|-------------------------------------|--|-----------|
| txn_reference_no | String (50) | Transaction Reference Number corresponds to the current transaction. Value can be a BankReferenceNo | Yes |
| tnc_type | String(4) | Term and condition type: ONFX: ONFX transaction FX: Buy foreign exchange transaction TDAO: Time deposit account opening | Yes |
| file_list | List of File object | File object based on Term and Conditions API | Yes |
| file_type | String(10) | Available Value : RIPLAY Default Value : blank | Yes |

- Http response 200 for this operation do not contains any data response.

13.13 Velocity Registration – Inquiry Registration

This operation is used to retrieve Registration Details

- URL: [api_endpoint]/others/velocity-registration/inquiry
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-----------------|--------------|---|-------------|
| role | String (2) | 'IN' – Inputter; 'SG' – Signer | Yes |
| email | String (75) | | Yes |
| mobile_no | String (25) | starts with '08' | Yes |
| ktp_no | String (16) | Mandatory for Inputter Optional for Signer if "Verification No" is entered | Conditional |
| registration_no | String (25) | | Yes |
| account_name | String (100) | | Yes |
| verification_no | String (25) | | No |
| revision_no | String (25) | | No |
| device_id | String(36) | Customer device id | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-------------------|--|---|
| registration_data | Velocity Registration Data | Registration Data Object |
| allow_cancel | Boolean | True : Registration can be canceled |
| allow_edit | Boolean | True: Registration can be edited for revision |
| allow_ack | Booleah | True: Registration require acknowledgement & submit |

13.14 Velocity Registration – Submit Acknowledgment

This operation is used to Submit Acknowledgment for Signer

- URL: [api_endpoint]/others/velocity-registration/ack/submit
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|-----------------|---|-------------------------|-----------|
| record_id | String (GUID) | | Yes |
| version_no | Integer | registration version no | Yes |
| registration_no | String (25) | | Yes |
| verification_no | String (25) | | Yes |
| user_details | Velocity Registration Data – Individual Details | | Yes |
| device_id | String(36) | Customer device id | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-------------------|--|--------------------------|
| registration_data | Velocity Registration Data | Registration Data Object |

13.15 Velocity Registration – Submit Revision

This operation is used to Submit Revision

- URL: [api_endpoint]/others/velocity-registration/revision/submit
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|---------------|--------------------------------|-----------|
| role | String (2) | 'IN' – Inputter; 'SG' – Signer | Yes |
| record_id | String (GUID) | | Yes |

| | | | |
|------------------|---|---|-------------|
| version_no | Integer | registration version no | Yes |
| registration_no | String (25) | | Yes |
| revision_no | String (25) | | Yes |
| user_details | Velocity Registration Data – Individual Details | for 'IN' -> Inputter Details for 'SG' -> Specific Signer (owner of the Revision_No) | Yes |
| signer_details | Velocity Registration Data – Signer Details | Applicable for role = 'IN' only | Conditional |
| document_details | Velocity Registration Data – Document Details | Applicable for role = 'IN' only | Conditional |
| signers_changed | Boolean | Applicable for role = 'IN' only. Indicates that Inputter made some changes limited to: - Signature Flow changed - Signers Resequencing (Multi signers) - List of Signers has changed (add/remove existing) If 'True' than new status = Pending Ack, otherwise Review by Bank | Yes |
| device_id | String(36) | Customer device id | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|-------------------|--|--------------------------|
| registration_data | Velocity Registration Data | Registration Data Object |

13.16 Velocity Registration – Cancel

This operation is used to Cancel Registration

- URL: [api_endpoint]/others/velocity-registration/cancel
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|---------------|--------------------------------|-----------|
| role | String (2) | 'IN' – Inputter; 'SG' – Signer | Yes |
| record_id | String (GUID) | | Yes |
| version_no | Integer | registration version no | Yes |

| | | | |
|-----------------|---|---|-----|
| registration_no | String (25) | | Yes |
| user_details | Velocity Registration Data – Individual Details | for 'IN' -> Inputter Details for 'SG' -> Specific Signer | Yes |
| device_id | String(36) | Customer device id | Yes |
| device_type | String(20) | Device type | Yes |
| device_os | String(20) | Device OS | Yes |

- Http response 200 data node for "00000" response_code
This request doesn't return any data payload

13.17 Get Province List

This operation is used to get List of Provinces

- URL: [api_endpoint]/others/province
- Request Parameter – no parameter required
- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|--------------------------------------|----------------------|
| province_list | Province List Object | Province List object |

14 Transaction Management

Supported operations for Beneficiary resource:

14.1 Add Beneficiary

This operation is used to add beneficiary

- URL: [api_endpoint]/transaction_mgmt/add_bene
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------------------|---------------|---|-----------------------------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | String(5) | Prod Code (IFT, OAT, RTGS, LLG, TT, OLT) | Yes |
| bene_name | String(100) | Beneficiary Name | Yes |
| nick_name | String (50) | Beneficiary Nickname | Yes |
| email_address | String (1000) | Beneficiary Email | No |
| phone_number | String (20) | Beneficiary Phone | No |
| account_number | String (35) | Beneficiary Account Number | Yes |
| account_currency | String (3) | Beneficiary Account Currency | Yes |
| bene_address1 | String (100) | Beneficiary Address 1 | Mandatory for RTGS, LLG, TT |
| bene_address2 | String (100) | Beneficiary Address 2 | No |
| bene_address3 | String (100) | Beneficiary Address 3 | No |
| bank_country_code | String (2) | Bank Country Code, value equals to ID (INDONESIA) except for TT | Yes |
| bank_code | String (10) | Bank Code | Yes |
| bank_city | String(50) | Applicable when transfer_type = 'TT' and transfer_type = 'RT', 'LL' (for RT and LL value equals to Branch Name) | Mandatory for RTGS, LLG, TT |
| bank_name | String (100) | Bank Name | Yes |
| bank_network_clearing_code | String (20) | RTGS – RTGS Member Code LLG - Clearing ID TT - SwiftID | Mandatory for RTGS, LLG, TT |
| is_shared | String (1) | | Yes |
| is_favorite | String (1) | Default : 'N' | No |
| proxy_type | String(6) | FAST01: Acc No FAST02: Mobile No FAST03: Email Address | Mandatory for FAST |

| | | | |
|------------|------------|--|--------------------|
| proxy_data | String(50) | | Mandatory for FAST |
|------------|------------|--|--------------------|

- Http response 200 for this operation does not contains any data response.

14.2 Edit Beneficiary

This operation is used to edit beneficiary

- URL: [api_endpoint]/transaction_mgmt/edit_bene
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------------------|---------------|---|-----------------------------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | String(5) | Prod Code (IFT, OAT, RTGS, LLG, TT, OLT) | Yes |
| bene_id | String(36) | GUID for Bene | Yes |
| bene_name | String(100) | Beneficiary Name | Yes |
| nick_name | String (50) | Beneficiary Nickname | Yes |
| email_address | String (1000) | Beneficiary Email | No |
| phone_number | String (20) | Beneficiary Phone | No |
| account_number | String (35) | Beneficiary Account Number | Yes |
| account_currency | String (3) | Beneficiary Account Currency | Yes |
| bene_address1 | String (100) | Beneficiary Address 1 | Mandatory for RTGS, LLG, TT |
| bene_address2 | String (100) | Beneficiary Address 2 | No |
| bene_address3 | String (100) | Beneficiary Address 3 | No |
| bank_country_code | String (2) | Bank Country Code, value equals to ID (INDONESIA) except for TT | Yes |
| bank_code | String (10) | Bank Code | Yes |
| bank_city | String(50) | Applicable when transfer_type = 'TT' and transfer_type = 'RT', 'LL' (for RT and LL value equals to Branch Name) | Mandatory for RTGS, LLG, TT |
| bank_name | String (100) | Bank Name | Yes |
| bank_network_clearing_code | String (20) | RTGS – RTGS Member Code LLG - Clearing ID TT - SwiftID | Mandatory for RTGS, LLG, TT |
| is_shared | String (1) | | Yes |

| | | | |
|-------------|------------|---------------|----|
| is_favorite | String (1) | Default : 'N' | No |
|-------------|------------|---------------|----|

- Http response 200 for this operation does not contains any data response.

14.3 View Beneficiary

This operation is used to view beneficiary

- URL: [api_endpoint]/transaction_mgmt/view_bene
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| bene_id | String(36) | GUID for Bene | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------------------|---------------|---|
| prod_cd | String(5) | Prod Code (IFT, OAT, RTGS, LLG, TT, OLT) |
| bene_name | String(100) | Beneficiary Name |
| nick_name | String (50) | Beneficiary Nickname |
| email_address | String (1000) | Beneficiary Email |
| phone_number | String (20) | Beneficiary Phone |
| account_number | String (35) | Beneficiary Account Number |
| account_currency | String (3) | Beneficiary Account Currency |
| bene_address1 | String (100) | Beneficiary Address 1 |
| bene_address2 | String (100) | Beneficiary Address 2 |
| bene_address3 | String (100) | Beneficiary Address 3 |
| bank_country_code | String (2) | Bank Country Code, value equals to ID (INDONESIA) except for TT |
| bank_code | String (10) | Bank Code |
| bank_city | String(50) | Applicable when transfer_type = 'TT' and transfer_type = 'RT', 'LL' (for RT and LL value equals to Branch Name) |
| bank_name | String (100) | Bank Name |
| bank_network_clearing_code | String (20) | RTGS – RTGS Member Code LLG - Clearing ID |

| | | TT – SwiftID |
|-------------|------------|--------------|
| is_shared | String (1) | |
| is_favorite | String (1) | |

14.4 Delete Beneficiary

This operation is used to delete beneficiary

- URL: [api_endpoint]/transaction_mgmt/delete_bene
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| bene_id | String(36) | GUID for Bene | Yes |

- Http response 200 for this operation does not contains any data response.

14.5 Delete Recurring

This operation is used to delete recurring record of funds transfer and payments

- URL: [api_endpoint]/transaction_mgmt/delete_recurring
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| prod_cd | String(5) | Prod Code (IFT, OAT, RTGS, LLG, TT, OLT, BP) | Yes |
| recurring_id | String(36) | GUID for Recurring | Yes |
| delete_type | String(1) | N : Delete Next Recurring A : Delete All Recurring | Yes |

- Http response 200 for this operation does not contains any data response.

14.6 List Funds Transfer Recurring

This operation is used to list recurring record for funds transfer

- URL: [api_endpoint]/transaction_mgmt/list_recurring/fundstransfer
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|----------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| list_prod_cd | List of string | Prod Code (IFT, OAT, RTGS, LLG, TT, OLT) | No |
| debit_acct_no | String(20) | Debit account no | No |
| bene_acct_no | String(35) | Beneficiary account no | No |
| amount | Numeric(18,2) | Transfer amount | No |
| show_newest | String(1) | Default Y = Yes, N = show oldest record first (based on web) | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |
| recurring_id | String(50) | Recurring ID | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------|-----------------------------------|--|
| recurring_list | List of Recurring | List of Recurring Object |
| total_rows | Integer | Total rows of all record selected without pagination |

14.7 List Payments Recurring

This operation is used to list recurring record for funds transfer

- URL: [api_endpoint]/transaction_mgmt/list_recurring/payments
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|---------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| debit_acct_no | String(20) | Debit account no | No |
| biller_code | String (20) | | No |
| billing_id | String(40) | Customer Billing ID | No |
| amount | Numeric(18,2) | Transfer amount | No |
| show_newest | String(1) | Default Y = Yes, N = show oldest record first (based on web) | No |

| | | | |
|--------------|------------|------------------------------|-----|
| page_size | Integer | Size of current page request | Yes |
| recurring_id | String(50) | Recurring ID | No |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------|-----------------------------------|--|
| recurring_list | List of Recurring | List of Recurring Object |
| total_rows | Integer | Total rows of all record selected without pagination |

14.8 Favorite Beneficiary

This operation is used to flag/unflag favorite beneficiary

- URL: [api_endpoint]/transaction_mgmt/favorite_bene
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| bene_id | String(36) | GUID for Bene | Yes |
| is_favorite | String (1) | Y : Flag as Favorite N : Unflag as Favorite | Yes |

- Http response 200 for this operation does not contains any data response.

14.9 Product Configuration

This operation is used to retrieve product configuration.

- URL: [api_endpoint]/transaction_mgmt/product_configuration
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|----------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| list_prod_cd | List of String | Product code/Transaction type. See Appendix 15.1 | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------------|--|-------------------------------|
| product_config_list | List of Product Config | List of Product Configuration |

15 Time Deposit Transaction

Supported operations for Time Deposit Transaction resource:

15.1 Common Parameter

This operation is used to get parameter used for opening of time deposit account

- URL: [api_endpoint]/time_deposit/opening/common_parameter
- Request Parameter – no parameter required
- Http response 200 data node for "00000" response_code.

| Element Name | Data Type | Description |
|--------------------|--|-------------------------------|
| purpose_code_list | Purpose (Time Deposit) object | List of Purpose Object |
| source_fund_list | Source Of Fund (Time Deposit) object | List of Source Of Fund Object |
| rollover_type_list | Rollover Type (Time Deposit) object | List of Rollover Type Object |

15.2 List Product

This operation is used to get list of time deposit products

- URL: [api_endpoint]/time_deposit/opening/list_product
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| ccy_cd | String(3) | Currency Code | No |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|------------------|--|-------------------------------------|
| prod_detail_list | List of Time Deposit Product | List of Time Deposit Product Object |

15.3 Inquiry Rate

This operation is used to get time deposit account opening rate

- URL: [api_endpoint]/time_deposit/opening/inquiry_rate
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|---------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| purpose_cd | String(1) | Purpose Code | Yes |
| prod_cd | String(20) | Time Deposit Product Code | Yes |

| Parameter Name | Data Type | Description | Mandatory |
|--------------------|---------------|---|-----------|
| source_fund_cd | String(1) | Source of Fund | Yes |
| rollover_type_cd | String(1) | Rollover Type | Yes |
| customer_ref | String(24) | Customer reference | No |
| bank_ref | String(50) | Bank reference (unique) | Yes |
| debit_acct_no | String(20) | Debit account no | Yes |
| debit_acct_ccy | String(3) | Debit account currency | Yes |
| amount | Numeric(18,2) | Subscription amount | Yes |
| amount_ccy | String(3) | Subscription currency | Yes |
| tenor | Numeric | Tenor Value | Yes |
| tenor_type | String(1) | Tenor Type (D : Day, M : Month, Y : Year) | Yes |
| interest_term | Numeric | Interest Term Value | Yes |
| interest_term_code | String(1) | Interest Term Type (D : Day, M : Month, Y : Year) | Yes |
| special_cd | String(50) | Promo Code / Deal Code | No |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|----------------------|--------------|--|
| base_interest_rate | Numeric(4,2) | Base Interest Rate (in percentage) |
| variant_rate | Numeric(4,2) | Variant Rate (in percentage) |
| variant_rate_op | String(1) | Variant Rate Operator (+/-) |
| customer_rate | Numeric(4,2) | Sum of base_interest_rate and variant_rate base on variant_rate_op (in percentage) |
| min_interest_rate | Numeric(4,2) | Minimum Interest Rate |
| max_interest_rate | Numeric(4,2) | Maximum Interest Rate |
| deal_type | String(10) | Deal Type |
| version_variant_rate | Numeric | Version of variant rate |

15.4 Submit Time Deposit Account Opening

This operation is used to submit time deposit account opening

- URL: [api_endpoint]/time_deposit/opening/submit
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------------|---------------|---|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| purpose_cd | String(1) | Purpose Code | Yes |
| prod_cd | String(20) | Time Deposit Product Code | Yes |
| source_fund_cd | String(1) | Source of Fund | Yes |
| rollover_type_cd | String(1) | Rollover Type | Yes |
| customer_ref | String(24) | Customer reference | No |
| bank_ref | String(50) | Bank reference (unique) | Yes |
| debit_acct_no | String(20) | Debit account no | Yes |
| debit_acct_ccy | String(3) | Debit account currency | Yes |
| amount | Numeric(18,2) | Subscription amount | Yes |
| amount_ccy | String(3) | Subscription currency | Yes |
| tenor | Numeric | Tenor Value | Yes |
| tenor_type | String(1) | Tenor Type (D : Day, M : Month, Y : Year) | Yes |
| interest_term | Numeric | Interest Term Value | Yes |
| interest_term_code | String(1) | Interest Term Type (D : Day, M : Month, Y : Year) | Yes |
| special_cd | String(50) | Promo Code / Deal Code | No |
| base_interest_rate | Numeric(4,2) | Base Interest Rate (in percentage) | Yes |
| variant_rate | Numeric(4,2) | Variant Rate (in percentage) | Yes |
| variant_rate_op | String(1) | Variant Rate Operator (+/-) | Yes |
| deal_type | String(10) | Deal Type | Yes |
| version_variant_rate | Numeric | Version of variant rate | Yes |

| | | | |
|------|-----------|--|----|
| lang | String(2) | Default "id" = Indonesia; "en" = english | No |
|------|-----------|--|----|

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|------------------------------------|--|
| trx_data | Transaction object | Transaction detail |
| error_message | String(255) | System error message if the transaction failed to complete |

15.5 Get Account Detail

This operation is used to get time deposit detail account information.

- URL: [api_endpoint]/time_deposit/maintenance/account_detail
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| acct_no | String(20) | Account number | Yes |
| acct_ccy | String(3) | Account name | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--------------------------------|----------------|
| account | Account object | Account object |

15.6 Submit Time Deposit Account Maintenance

This operation is used to submit rollover maintenance of time deposit account

- URL: [api_endpoint]/time_deposit/maintenance/submit
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------------|------------|--------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| rollover_type_cd | String(1) | Rollover Type | Yes |
| rollover_type_cd_new | String(1) | New Rollover Type | Yes |
| customer_ref | String(24) | Customer reference | No |

| | | | |
|----------|------------|-------------------------|-----|
| bank_ref | String(50) | Bank reference (unique) | Yes |
| acct_no | String(20) | Account number | Yes |
| acct_ccy | String(3) | Account name | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|------------------------------------|--|
| trx_data | Transaction object | Transaction detail |
| error_message | String(255) | System error message if the transaction failed to complete |

16 Subscriber Administration

16.1 Subscriber User Data

This operation is used to get users' data list of an Organization.

- URL: [api_endpoint]/administration/user/list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| src_usr_cd | String(50) | Search User Code | No |
| src_usr_name | String(50) | Account name | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|--|------------------------------------|
| user_list | List of User Data object | List of User object |
| total_records | Integer | Numbers of data without pagination |

16.2 Subscriber Roles

This operation is used to get subscriber role list used for user maintenance.

- URL: [api_endpoint]/administration/subscriber_role/list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|-------------------------------------|---------------------|
| role_list | List of Role object | List of Role object |

16.3 Subscriber Profiles

This operation is used to get subscriber profile list used for user maintenance.

- URL: [api_endpoint]/administration/subscriber_profile/list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|---|------------------------|
| profile_list | List of Subscriber Profile object | List of Profile object |

16.4 Subscriber User Create/Modify

This operation is used to Add New or Modify a user of an Organization.

- URL: [api_endpoint]/administration/user/create_modify
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------------|-------------------------------------|-------------------------------|-------------------------------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| action_cd | String(1) | 'A' – New; 'E' – Edit/Modify | Yes |
| usr_id_input | String(50) | User id for Edit | Mandatory for action_cd = 'E' |
| usr_cd_input | String(25) | New/Edit User Code | Yes |
| usr_nm_input | String(50) | New/Edit User Name | Yes |
| usr_profile_cd_input | String(36) | Profile CD, Default = 'SUPER' | Yes |
| usr_email_addr_input | String(100) | New/Edit User Email | Yes |
| usr_role_list_input | List of Role Object | List of Role Object | Yes |
| maker_auth_own | String(1) | Value Y/N, Default Y | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|----------------------------------|------------------|
| user_data | User Data object | User Data Object |

16.5 Subscriber User General Maintenance

This operation is used to Perform General User Maintenance of an Organization.

- URL: [api_endpoint]/administration/user/maintenance
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| action_cd | String(5) | 'D' – Delete 'L' – Lock 'U' – Unlock 'R' – Reset 'EM' – Resend Email | Yes |
| usr_id_mnt | String(36) | Maintained User ID | Yes |
| usr_cd_mnt | String(25) | Maintained User CD | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|----------------------------------|------------------|
| user_data | User Data object | User Data Object |

16.6 Subscriber Account List

This operation is used to list of all accounts and their aliases name of an Organization.

- URL: [api_endpoint]/administration/account/list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|--------------------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| account_no | String(19) | Account Number | No |
| account_name | String(40) | Account Name | No |
| alias_name | String(40) | Alias Name | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|-------------------------------------|------------------------------------|
| account_list | Account object List | Account Object List |
| total_records | Integer | Numbers of data without pagination |

16.7 Subscriber Account Maintenance

This operation is used to maintain an account by subscriber administrator.

- URL: [api_endpoint]/administration/account/maintenance
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|----------------|------------|-----------------------|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| action_cd | String(1) | 'U' – Update | Yes |
| record_id | String(36) | Account Identifier | Yes |
| account_no | String(19) | Account Number | Yes |
| account_name | String(40) | Account Name | Yes |
| alias_name | String(40) | Alias Name | Yes |
| version | Integer | Record version number | Yes |

- Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|--------------|--------------------------------|----------------|
| account_data | Account object | Account Object |

16.8 Subscriber Funds Transfer Beneficiary List

This operation is used to list of all beneficiaries.

- URL: [api_endpoint]/administration/beneficiary_ft/list
- Request Parameter

| Parameter Name | Data Type | Description | Mandatory |
|------------------|------------|--|-----------|
| org_cd | String(50) | Organization Code | Yes |
| usr_cd | String(50) | User Code | Yes |
| src_prod_code | String(10) | See Appendix Product Code / Transaction Type | No |
| src_acct_no | String(19) | Search Account Number | No |
| src_nick_name | String(40) | Nick Name | No |
| src_ccy_code | String(3) | Currency Code | No |
| src_created_date | Date | yyyy-MM-dd | No |
| page_no | Integer | Page number of current request | Yes |
| page_size | Integer | Size of current page request | Yes |

➤ Http response 200 data node for "00000" response_code

| Element Name | Data Type | Description |
|---------------|---|------------------------------------|
| bene_list | Beneficiary List (Funds Transfer) object List | Beneficiary Object List |
| total_records | Integer | Numbers of data without pagination |

17 Custom Object

17.1 Role

| Element Name | Data Type | Description |
|-----------------|------------|------------------|
| role_cd | String(20) | Role code |
| role_base | String(20) | Role base |
| role_desc | String(50) | Role description |
| version | Integer | Version |
| role_group_cd | String(20) | Role Group Code |
| role_group_desc | String(50) | Role Group Desc |

17.2 Menu

| Element Name | Data Type | Description |
|----------------|--|---------------------------------------|
| menu_id | String(10) | Menu ID |
| menu_title | String(50) | Menu title |
| menu_item_list | List of Menu Item object | List of menu item object of this menu |

17.3 Menu Item

| Element Name | Data Type | Description |
|-----------------|-------------|--|
| menu_item_id | String(10) | Menu Item ID |
| has_child | String(1) | Indicate this menu item has child or not. Y: Has child menu N: Does not have child |
| menu_item_title | String(100) | Menu item title |
| menu_parent_id | String(100) | Parent ID of this menu item, the value can be refer to another menu item object or another menu object |

17.4 Param

| Element Name | Data Type | Description |
|--------------|------------|--|
| param_name | String(50) | Parameter name |
| param_value | Object | Parameter value, data type may be differ depends on parameter type |

17.5 Token

| Element Name | Data Type | Description |
|--------------|------------|--|
| token_type | String(3) | Token type: HW: Hardware Token SW: Software Token SMS: SMS Token |
| token_no | String(20) | Token number |
| is_default | String(1) | Y – Default token for authorization N – Not a default token for authorization |

17.6 Notification Board

| Element Name | Data Type | Description |
|---------------|--------------|--|
| id | String(36) | Notification ID |
| notify_date | Date | Date of notification |
| notify_exp | Date | Expiry date of notification |
| title | String(100) | Notification title |
| notes | String(1500) | Notification message |
| notify_type | String(40) | Notification Type: SELF: Notification for personal DOMAIN: Notification for domain |
| receive_list | String(40) | Recipient List |
| is_include_me | Boolean | Include creator flag |
| org_cd | String(50) | Notification organization owner |
| created_by | String(36) | Notification creator user ID |
| time_created | Date | Notification created time |
| updated_by | String | Notification last updater user ID |
| time_updated | Date | Notification last updated time |
| version | Integer | Notification version |

17.7 Push Notification

| Element Name | Data Type | Description |
|---------------|-------------|----------------------|
| id | String(36) | Identifier |
| device_id | String(255) | Device identifier |
| notif_subject | String(100) | Notification subject |
| notif_message | String(255) | Notification message |

17.8 Account

| Element Name | Data Type | Description |
|--------------------|-------------------|---|
| id | String(36) | Account identifier |
| org_cd | String(50) | Same as request |
| acct_no | String(20) | Account number |
| acct_ccy | String(3) | Account currency |
| acct_name | String(40) | Account name |
| acct_alias | String(40) | Account alias name |
| cif_no | String(50) | CIF Number |
| prod_cd_sibs | String(20) | Product code |
| acct_type_sibs | String(1) | S: Saving D: Deposit/Current T: Time deposit |
| mcbt | String(1) | Y: Multi-currency account N: Non-multi-currency account |
| branch_cd_sibs | String(5) | Branch code |
| balance_available | Numeric(18,2) | Available balance |
| balance_ledger | Numeric(18,2) | Ledger balance |
| balance_hold | Numeric(18,2) | Hold balance |
| balance_overdraft | Numeric(18,2) | Overdraft balance |
| principal_amout | Numeric(18,2) | Principal amount |
| bilyet_no | String(30) | Bilyet number |
| effective_date | Date (YYYY-MM-DD) | Effective date |
| term | Integer | Time deposit term |
| term_cd | String(1) | Time deposit term code: D: Day M: Month Y: Year |
| maturity_date | Date (YYYY-MM-DD) | Time deposit maturity date |
| interest_rate | Numeric(18,2) | Time deposit interest rate |
| last_int_paid_date | Date (YYYY-MM-DD) | Last interest paid date |
| renewal_counter | Integer | Renewal Counter |
| auto_renewal | String(1) | Time deposit auto renewal type: A: Rollover with interest compound Y: Rollover N: Non-rollover |
| acct_status | Integer | 1 = active, 2 = closed, 3 = matured, 4 = new / today, 5 = zero balance account, 6 = restricted |

| Element Name | Data Type | Description |
|--------------------|----------------|---|
| | | account, 7 = frozen account no DR/CR, 8 = not used, 9 = dormant account |
| fav_prod_map | List of String | Prod_cd and sequence example : (["IFT 1", "OAT 2"]) |
| interest_term | Integer | Interest Term Value ex: 1 int |
| interest_term_code | String(1) | Interest Term Type (D : Day, M : Month, Y : Year) |
| interest_amount | Numeric(18,2) | Interest Rate Amount |
| acct_prod_name | String(50) | Account Product Name (SIBS) |
| version | Integer | Record Version Number |
| maintenance_type | String(50) | Applicable in pending auth account maintenance list |
| auth_status_code | String(3) | Applicable in pending auth account maintenance list |
| auth_status | String(50) | Applicable in pending auth account maintenance list |
| pending_record_id | String(36) | Applicable in pending auth account maintenance list |

17.9 Account Statement

| Element Name | Data Type | Description |
|------------------|---------------|---|
| record_id | String(10) | Statement record identifier |
| acct_no | String(20) | Account number (Same as request) |
| acct_ccy | String(3) | Account name (Same as request) |
| trx_date | Date | Transaction date |
| value_date | Date | Value date |
| reference_no | String(50) | Transaction reference number |
| cheque_no | String(15) | Transaction cheque number |
| description | String(255) | Statement description |
| amount | Numeric(18,2) | Debit/credit amount |
| debit_credit_ind | String(1) | Debit/credit indicator D: Debit C: Credit |
| balance | Numeric(18,2) | Account balance |

17.10 Transaction Status Count

| Element Name | Data Type | Description |
|------------------------|---|------------------------------------|
| source | String(3) | Source of Transaction |
| list_task_count_detail | List of Transaction Status Count Detail | Detail of Transaction Status Count |

17.11 Transaction Status Count Detail

| Element Name | Data Type | Description |
|--------------|-------------|--------------------------------|
| status | String(3) | Transaction status code |
| status_desc | String(100) | Transaction status description |
| count | Integer | Count of item |

17.12 Transaction Summary

| Element Name | Data Type | Description |
|----------------|------------|---|
| prod_cd | String(10) | Product code / Payment type. See Appendix 15.1 |
| debit_acct_no | String(35) | Debit account number. |
| debit_acct_ccy | String(3) | Debit account ccy |
| amount | Numeric | Transaction amount. |
| amount_ccy | String(3) | Transaction amount currency |
| total_item | Integer | Transaction detail count |
| acct_name | String(40) | Account name |
| acct_alias | String(40) | Account alias name |

17.13 Transaction

| Element Name | Data Type | Description |
|----------------|------------|--|
| pymt_master_id | String(36) | Payment Master ID. |
| org_cd | String(50) | Organization code. |
| prod_cd | String(10) | Product code / Payment type. See Appendix 15.1 |
| bank_ref | String(50) | Bank reference (unique) |
| customer_ref | String(24) | Customer reference |
| debit_acct_no | String(35) | Debit account number. Will be filled with Time Deposit Account No value in TDAM payment type |

| Element Name | Data Type | Description |
|-------------------------------|---------------|---|
| debit_acct_ccy | String(3) | Debit account ccy |
| sender_name | String(100) | Sender name |
| bene_acct_no | String(35) | Beneficiary account no |
| bene_acct_ccy | String(3) | Beneficiary account ccy |
| bene_name | String(100) | Beneficiary name |
| bene_bank_code ³ | String(20) | Beneficiary bank code. OLT: Beneficiary bank Code LLG: BI Clearing Code (SKN) RTGS: RTGS Member Code TT: Swift code |
| bene_bank_name | String(100) | Beneficiary bank name |
| value_date | Date | Transaction effective value date |
| Amount | Numeric | Transaction amount. Will be filled with total amount in BLIDR, BLFCY, TON, and TOF transaction source |
| amount_ccy | String(3) | Transaction amount ccy |
| total_item | Integer | Transaction detail count |
| trx_status | String(3) | Transaction status. See Appendix 15.3 |
| fx_type ⁴ | String(5) | FX Type: FRX01: Counter FRX02: Special FRX03: ONFX |
| fx_rate ⁴ | Numeric(13,7) | FX rate |
| fx_dealer_name ⁴ | String(35) | FX dealer name |
| fx_contract_no ⁴ | String(40) | FX contract number |
| fx_dealer_rate ⁴ | Numeric(13,7) | FX dealer rate |
| billing_id ⁵ | String(40) | Billing ID |
| billing_org_id ⁵ | String(20) | Billing organization ID |
| billing_org_name ⁵ | String(50) | Billing organization name |
| trx_source | String(10) | Transaction source See Appendix 15.2 |
| trx_origin | String(1) | Transaction Origin: M: Manual |

³Only applicable for OLT,LLG,RTGS, and TT transaction

⁴Only applicable for cross currency transaction

⁵Only applicable for BPM and ETAX transaction

| Element Name | Data Type | Description |
|---------------------------------|--------------------------------|---|
| | | NB: Non Bulk File Upload F: Favorite Payment T: Payment Template R: Recurring TON : E-Tax Upload Online |
| file_name ⁶ | String(100) | File name |
| upload_date ⁶ | Date (YYYY-MM-DD) | File upload date |
| upload_format ⁶ | String(20) | File upload format |
| interest_rate ⁷ | Numeric(2,2) | Account opening interest rate |
| tenor ⁷ | Integer | Account opening tenor value |
| tenor_code ⁷ | String(1) | Tenor term code: D: Day M: Month Y: Year |
| interest_term ⁷ | Integer | Interest term value |
| interest_term_code ⁷ | String(1) | Interest term code: D: Day M: Month Y: Year |
| ao_effective_date ⁷ | Date (YYYY-MM-DD) | Account effective date |
| ao_maturity_date ⁷ | Date (YYYY-MM-DD) | Account effective date |
| rollover_type ⁷ | String(1) | Account opening rollover type: A: Rollover with interest compound Y: Rollover N: Non-rollover |
| rollover_type_new ⁷ | String(1) | Account opening new rollover type. |
| ao_product_code ⁷ | String(20) | Account opening product code |
| ao_product_type ⁷ | String(1) | Account opening product type: S: Saving D: Current T: Time Deposit L: Loan |
| created_by | String(36) | Created by user ID |
| time_created | DateTime (YYYY-MM-DD HH:MI:SS) | Created timestamp |
| updated_by | String(36) | Updated by user ID |
| time_updated | DateTime (YYYY-MM-DD HH:MI:SS) | Updated timestamp |

⁶Only applicable for transaction with non-manual source

⁷Only applicable for TDAO and TDAM transaction

| Element Name | Data Type | Description |
|----------------------------|-------------------|---|
| ntpn ⁸ | String(100) | NTPN for Etax payment |
| ntb ⁸ | String(100) | NTB for Etax payment |
| upload_origin ⁹ | String(10) | Upload origin: PR: Uploaded by Bank (Provider) SB: Uploaded by Subscriber |
| Version | Integer | Transaction version info |
| bene_bank_branch | String(50) | Beneficiary Bank Branch |
| bene_bank_city | String(50) | Beneficiary Bank City |
| bene_bank_country | String(20) | Beneficiary Bank Country |
| start_collect_date | Date (YYYY-MM-DD) | Start Collection Date |
| end_collect_date | Date (YYYY-MM-DD) | End Collection Date |
| customer_declaration | Boolean | Customer Declaration of Foreign Exchange Transaction |
| underlying_doc | String | Underlying Document (BASE64 Encoded File) |
| save_recurring | Boolean | Save as Recurring |
| recurring_type | String(2) | D0 - Weekly D1 - Monthly D2 - Daily |
| recurring_value | String(3) | When Type = 'D0' 1 - SUNDAY, 2 - MONDAY ... 7 - SATURDAY When Type = 'D1' Specify Date (1 to 31) When Type = 'D2' Specify the recurring will be occurs every n days, n = 1-100 |
| recurring_start | Date | YYYY-MM-DD |
| recurring_end | Date | YYYY-MM-DD |
| resident_status | String(2) | Resident Status |
| remitter_country_residence | String(2) | Remitter Country |
| remitter_category | String(4) | Remitter Category |
| bene_country_residence | String(2) | Beneficiary Country |
| bene_category | String(4) | Beneficiary Category |
| bene_affiliation_status | String(1) | Beneficiary Affiliation Status |
| payment_purpose | String(5) | Payment Purpose |

⁸ Only applicable for ETAX Payment product

⁹ Only applicable for VA Member Upload product

| Element Name | Data Type | Description |
|------------------------|-------------|--|
| swift_charges_method | String(3) | Swift Charges Method SHA - Shared OUR - Ourselves |
| save_bene | Boolean | Save Beneficiary Flag |
| bene_nick_name | String(40) | Beneficiary Nickname |
| bene_email | String(100) | Beneficiary Email |
| bene_phone | String(20) | Beneficiary Phone |
| check_customer_ref | Boolean | Validation of Customer Reference |
| check_transfer_amount | Boolean | Validation of Transfer Amount |
| save_favorite | Boolean | Save as Favorite |
| save_template | Boolean | Save as Template |
| template_name | String (50) | Template Name |
| send_notif_sender | Boolean | Send Notification to Sender |
| notif_sender_completed | Boolean | Send Notification to Sender When Transaction Completed |
| notif_sender_rejected | Boolean | Send Notification to Sender When Transaction Rejected |
| notif_sender_suspected | Boolean | Send Notification to Sender When Transaction Suspected |
| notif_sender_email | String(100) | Sender Email for Notification |
| notif_sender_phone | String(30) | Sender Phone for Notification |
| send_notif_bene | Boolean | Send Notification to Beneficiary |
| notif_bene_email | String(100) | Beneficiary Email for Notification |
| notif_bene_phone | String(20) | Beneficiary Phone for Notification |
| Remarks | String(100) | Transaction Remarks |
| target_balance_amount | Numeric | Target Balance Amount (ASI) |
| target_balance_ccy | String(3) | Target Balance Currency (ASI) |
| source_fund_code | String (1) | Source of Fund Code for TD |
| purpose_code | String (1) | Purpose Code for TD |
| debit_acct_name | String(40) | Debit account name |
| debit_acct_alias | String(40) | Debit account alias |
| Map | String(50) | |
| Kjs | String(50) | |
| Mir | String(50) | Applicable for RTGS (data_list) and transaction status = "COMPLETED" |

| Element Name | Data Type | Description |
|--------------------|---------------|---|
| Sor | String(50) | Applicable for LLG (data_list) and transaction status = "COMPLETED" |
| trx_source_link_id | String(36) | ID to view Recurring Detail for trx_origin = 'R', blank means there is no further detail |
| exec_time_batch_cd | String(5) | Execute Time Batch (for Recurring, Future Dated Funds Transfer/Payment & Purchase) See Appendix Execute Time Batch |
| additional_info | String (1000) | Transaction Additional Information Single Pipe ' ' is New Line Character |
| remittance_no | String(50) | Remittance Number |
| proxy_type | String(10) | Applicable for FAST FAST01:Regular- Acc No, FAST02:Proxy - Mobile No, FAST03:Proxy- Email Address |
| proxy_data | String(50) | Applicable for FAST |
| charges_acct_no | String(35) | ChargesAccount Number Applicable for prod_cd = 'Fast' |
| charges_acct_ccy | String(3) | ChargesAccount Currency Applicable for prod_cd = 'Fast' |
| trx_purpose | String(2) | 01- Investment 02- Transfer of Wealth 03- Purchase 99- Others |

17.14 Non-Transaction Task

| Element Name | Data Type | Description |
|--------------|-------------|-----------------|
| task_id | String(50) | Task Identifier |
| task_name | String(255) | Task Name |
| Count | Integer | Count task item |

17.15 Exchange Rate

| Element Name | Data Type | Description |
|----------------|------------------|----------------|
| ccy_code | String(3) | Currency code |
| period | Date(YYYY-MM-DD) | Rate periode |
| bank_buy_rate | Numeric(13,7) | Bank buy rate |
| bank_sell_rate | Numeric(13,7) | Bank sell rate |
| tt_buy_rate | Numeric(13,7) | TT buy rate |
| tt_sell_rate | Numeric(13,7) | TT sell rate |

17.16 Payment Request Object

| Element Name | Data Type | Description |
|----------------|------------|--|
| pymt_master_id | String(36) | Payment Master ID |
| trx_source | String(10) | Transaction source See Appendix 15.2 |
| prod_cd | String(10) | Product code/Transaction type. See Appendix 15.1 |
| version | Integer | Transaction version info |
| action_cd | String(1) | Action code: A: Approve V: Verify R: Reject X: Revert to Maker |

17.17 Backdated Info

| Element Name | Data Type | Description |
|-----------------|------------|--|
| prod_cd | String(10) | Product code/Transaction type. See Appendix 15.1 |
| count_backdated | Integer | Number of backdated transactions |
| count_cot | Integer | Number of transaction that exceed COT |
| value_date | Date | New effective value date for backdated transactions or transaction that exceed COT |

17.18 Authorization Result Info

| Element Name | Data Type | Description |
|----------------|-------------|---------------------------------------|
| pymt_master_id | String(36) | Payment ID |
| error_message | String(255) | Error message if authorization failed |

17.19 Transaction Note

| Element Name | Data Type | Description |
|-----------------|--------------|-------------------------|
| id | String(36) | Transaction Notes ID |
| created_by | String(36) | Creator user identifier |
| created_by_name | String(50) | Creator user name |
| date_created | Date | Date created |
| pymt_master_id | String(36) | Payment ID |
| remark | String(1000) | Transaction Remark |

17.20 Transaction Audit

| Element Name | Data Type | Description |
|--------------|-------------|----------------------|
| id | String(36) | Transaction Notes ID |
| usr_cd | String(50) | User code |
| usr_name | String(100) | User complete name |
| timestamp | Date | Action timestamp |
| action | String(50) | Action |
| remark | String(250) | Action remark |
| channel | String(5) | Channel |

17.21 Transaction Authorization Sequence Master

| Element Name | Data Type | Description |
|--------------|---|---|
| id | String(36) | Authorization List ID |
| is_seq | Boolean | Authorization sequence flag |
| next_auth | String(50) | Next authorization user profile |
| list_detail | List of Transaction Authorization Sequence Detail | List of Transaction Authorization Sequence Detail |

17.22 Transaction Authorization Sequence Detail

| Element Name | Data Type | Description |
|-----------------|------------|-------------------------------|
| id | String(36) | Authorization List Detail ID |
| weight | Integer | Authorization profile weight |
| auth_profile_id | String(50) | Authorization user profile id |

| Element Name | Data Type | Description |
|-------------------|------------|---------------------------------|
| auth_profile_name | String(50) | Authorization user profile name |
| auth_date | Date | Date of authorization |
| auth_by | String(50) | Authorizer user code |

17.23 ONFX Rate

| Element Name | Data Type | Description |
|--------------|---------------|---------------|
| ccy_code | String(3) | Currency code |
| tt_buy_rate | Numeric(13,7) | Buy rate |
| tt_sell_rate | Numeric(13,7) | Sell rate |

17.24 ONFX Rate (v2)

| Element Name | Data Type | Description |
|----------------|---------------|--------------------------------------|
| based_ccy | String(3) | Currency Code (Strong) |
| quote_ccy | String(3) | Currency Code (Quote) |
| ccy_pair | String(10) | Currency Pair (ex. USD/SGD, USD/IDR) |
| ask_rate | Numeric(13,7) | IO Rate (Sell) |
| ask_spread | Numeric(13,7) | Spread (Sell) |
| bid_rate | Numeric(13,7) | IO Rate (Buy) |
| bid_spread | Numeric(13,7) | Spread (Buy) |
| bank_buy_rate | Numeric(13,7) | IO Rate (Buy) – Spread (Buy) |
| bank_sell_rate | Numeric(13,7) | IO Rate (Sell) + Spread (Sell) |

17.25 Holiday Calendar

| Element Name | Data Type | Description |
|---------------|------------|--|
| calendar_date | Date | Calendar date |
| holiday_type | String(3) | Holiday Type: PH: Public Holiday WK: Weekend |
| desc_id | String(50) | Description in Bahasa Indonesia |
| desc_en | String(50) | Description in English |

17.26 Holiday Product

| Element Name | Data Type | Description |
|--------------|------------|-------------|
| id | String(36) | Holiday ID |

| Element Name | Data Type | Description |
|---------------|--------------|--|
| holiday_type | String(3) | Holiday Type: PH: Public Holiday WK: Weekend CAL: Calendar Date |
| prod_cd | String(10) | Product code/Transaction type. See Appendix 15.1 |
| calendar_date | Date | Calendar date Only applicable for holiday_date=CAL |
| from_ccy | String(2000) | Source currencies (delimited with " ") |
| dest_ccy | String(2000) | Destination currencies (delimited with " ") |
| dest_country | String(2000) | Destination countries (delimited with " ") |
| dest_prov_id | String(2000) | Destination province ID (delimited with " ") |
| cross_ccy | Boolean | If cross currency is allowed |
| desc_id | String(50) | Description in Bahasa Indonesia |
| desc_en | String(50) | Description in English |

17.27 FAQ

| Element Name | Data Type | Description |
|--------------|--------------|--|
| id | String(36) | FAQ identifier |
| cat_cd | String(6) | FAQ category code |
| cat_desc_en | String(100) | FAQ category description in English |
| cat_desc_id | String(100) | FAQ category description in Bahasa Indonesia |
| title_en | String(500) | FAQ title in English |
| title_id | String(500) | FAQ title in Bahasa Indonesia |
| content_en | String(2000) | FAQ content in English |
| content_id | String(2000) | FAQ content in Bahasa Indonesia |
| seq | Integer | FAQ sequence within same category |

17.28 File

| Element Name | Data Type | Description |
|--------------|-----------|----------------------------|
| data | String | BASE64 encoded binary data |
| mime_type | String | File mime type |
| file_name | String | File name |

| | | |
|-----------|-----------|---|
| file_type | String | Default = Blank Available Value : RIPLAY = Used in Time Deposit Account Opening in addition to TDA Term and Condition File |
| ccy_code | String(3) | For TDAO tnc_type |

17.29 Bank List Info

| Element Name | Data Type | Description |
|-----------------------|--------------|---------------------------|
| bank_code | String (10) | Ex. 028, 014, 028473, etc |
| bank_name | String (100) | |
| branch_name | String (50) | |
| address_1 | String (100) | |
| address_2 | String (100) | |
| address_3 | String (100) | |
| country_code | String (2) | |
| province_code | String (10) | |
| city_code | String (10) | |
| city_name | String (40) | |
| network_clearing_code | String (20) | |

17.30 Billing Organization List

| Element Name | Data Type | Description |
|-----------------|---------------|--|
| record_id | String (36) | Unique identifier for billerx |
| group_sequence | Integer | Biller Group Sequence |
| group_name_id | String (50) | Biller Group Name (Indonesia) |
| group_name_en | String (50) | Biller Group Name (English) |
| biller_sequence | Integer | Biller Sequence |
| biller_name_id | String (50) | Biller Name (Indonesia) |
| biller_name_en | String (50) | Biller Name (English) |
| biller_code | String (20) | |
| biller_type | String (20) | Available Types: PAYMENT, PURCHASE |
| flow_type | Integer | 0 – Need to enter amount before Inquiry 1 – Payment options must select from available amount (from Inquiry Reply) 2 – Payment options can select from available amount (from Inquiry Reply) or can Specify Other Amount |
| biller_title_id | String (50) | If blank/not exists, then use “biller_name_id” |
| biller_title_en | String (50) | If blank/not exists, then use “biller_name_en” |
| biller_info_id | String (1000) | Split by ‘ ’ for new line text |
| biller_info_en | String (1000) | Split by ‘ ’ for new line text |

| | | |
|-------------|-------------|--------------------------------|
| category_id | String (36) | Unique identifier for category |
|-------------|-------------|--------------------------------|

17.31 Country List

| Element Name | Data Type | Description |
|--------------|-------------|-------------|
| country_code | String (2) | |
| country_name | String (50) | |

17.32 Category List (Regulatory)

| Element Name | Data Type | Description |
|------------------|--------------|-------------|
| category_code | String (2) | |
| category_name_en | String (100) | |
| category_name_id | String (100) | |

17.33 Resident Status List (Regulatory)

| Element Name | Data Type | Description |
|--------------|--------------|-------------|
| res_code | String (2) | |
| res_name_en | String (100) | |
| res_name_id | String (100) | |

17.34 Relationship Status List (Regulatory)

| Element Name | Data Type | Description |
|--------------|--------------|-------------|
| rel_code | String (2) | |
| rel_name_en | String (100) | |
| rel_name_id | String (100) | |

17.35 Underlying Type List (Regulatory)

| Element Name | Data Type | Description |
|--------------------|--------------|-------------|
| underlying_code | String (2) | |
| underlying_name_en | String (100) | |
| underlying_name_id | String (100) | |

17.36 Payment Purpose List (Regulatory)

| Element Name | Data Type | Description |
|--------------|------------|-------------|
| purpose_code | String (4) | |

| | | |
|-----------------|---------------|--|
| purpose_name_en | String (1000) | |
| purpose_name_id | String (1000) | |

17.37 Beneficiary List (Funds Transfer)

| Element Name | Data Type | Description |
|----------------------------|---------------|---|
| record_id | String (36) | Unique identifier |
| prod_cd | String (10) | Product code/Transaction type. See Appendix 15.1 |
| nick_name | String (50) | |
| email_address | String (1000) | |
| phone_number | String (20) | |
| account_number | String (35) | |
| account_currency | String (3) | |
| account_name | String (100) | |
| bene_address1 | String (100) | |
| bene_address2 | String (100) | |
| bene_address3 | String (100) | |
| bank_country_code | String (2) | |
| bank_code | String (10) | |
| bank_city | String (36) | |
| bank_name | String (100) | |
| bank_branch_name | String (50) | |
| bank_network_clearing_code | String (20) | |
| bank_address1 | String (100) | |
| bank_address2 | String (100) | |
| bank_address3 | String (100) | |
| province_code | String (10) | |
| city_code | String (10) | |
| is_shared | String (1) | |
| is_favorite | String (1) | |
| version | Integer | Record Version |
| created_by_ucose | String(50) | |
| created_by_uname | String(100) | |
| created_date | Date | yyyy-MM-dd |

| | | |
|-------------------|------------|-------------------------------------|
| maintenance_type | String(50) | Applicable in pending auth list |
| auth_status_code | String(3) | Applicable in pending auth list |
| auth_status | String(50) | Applicable in pending auth list |
| pending_record_id | String(36) | Applicable in pending auth list |
| proxy_type | String(10) | Applicable in product code = 'FAST' |
| proxy_data | String(50) | Applicable in product code = 'FAST' |

17.38 Payee List (Bill Presentment/Purchase)

| Element Name | Data Type | Description |
|----------------|---------------|-----------------------------------|
| record_id | String (36) | Unique identifier |
| nick_name | String (50) | Derived from template_name |
| email_address | String (1000) | email_address |
| phone_number | String (20) | phone_number |
| biller_name_id | String (50) | Biller Name (Indonesia) |
| biller_name_en | String (50) | Biller Name (English) |
| biller_code | String (20) | |
| billing_id | String(40) | Customer Billing ID |
| biller_type | String(20) | Biller Type : Payment or Purchase |

17.39 Upload Note

| Element Name | Data Type | Description |
|-----------------|--------------|-------------------------|
| id | String(36) | Upload Notes ID |
| created_by | String(36) | Creator user identifier |
| created_by_name | String(50) | Creator user name |
| date_created | Date | Date created |
| batch_id | String(36) | File batch ID |
| remark | String(1000) | Transaction Remark |

17.40 Favorite Account

| Element Name | Data Type | Description |
|--------------|------------|-------------------|
| acct_no | String(20) | Account Number |
| acct_ccy | String(3) | Account Currency |
| seq | Integer | Favorite Sequence |

| | | |
|-----------|-----------|---|
| action_cd | String(1) | Action Code I : insert (add account to fav list) D : delete (remove account from fav list) U : update (update account sequence of fav account) |
|-----------|-----------|---|

17.41 Recurring

| Element Name | Data Type | Description |
|------------------|---------------|---|
| recurring_id | String(36) | Recurring ID (guid) |
| prod_cd | String(5) | Prod Code (IFT, OAT, RTGS, LLG, TT, OLT) |
| reference_id | String(50) | Recurring reference id |
| debit_acct_no | String(20) | Debit account no |
| debit_acct_ccy | String(3) | Debit account currency |
| debit_acct_name | String(40) | Debit account name |
| debit_acct_alias | String(40) | Debit account alias name |
| bene_acct_no | String(35) | Beneficiary account no |
| bene_acct_ccy | String(3) | Beneficiary account currency |
| bene_acct_name | String(100) | Beneficiary name |
| bene_bank_name | String(100) | When prod_cd = 'IFT' or 'OAT' default value = OCBC NISP |
| billing_id | String(40) | Customer Billing ID |
| biller_code | String (20) | |
| biller_name | String(50) | |
| amount | Numeric(18,2) | Transfer amount |
| amount_ccy | String(3) | |
| next_value_date | Date | yyyy-MM-dd |
| recurring_type | String(2) | D0 - Weekly D1 - Monthly D2 - Daily |
| recurring_value | String(3) | When Type = 'D0' 1 - SUNDAY, 2 - MONDAY ... 7 - SATURDAY When Type = 'D1' Specify Date (1 to 31) When Type = 'D2' Specify the recurring will be occurs every n days, n = 1-100 |
| recurring_start | Date | YYYY-MM-DD |

| Element Name | Data Type | Description |
|--------------------|------------|---|
| recurring_end | Date | YYYY-MM-DD |
| exec_time_batch_cd | String (5) | See Appendix Execute Time Batch |

17.42 Purpose (Time Deposit)

| Element Name | Data Type | Description |
|-----------------|--------------|------------------------|
| purpose_code | String (1) | Code |
| purpose_desc_en | String (100) | English Description |
| purpose_desc_id | String (100) | Indonesian Description |

17.43 Source Of Fund (Time Deposit)

| Element Name | Data Type | Description |
|---------------------|--------------|------------------------|
| source_fund_code | String (1) | Code |
| source_fund_desc_en | String (100) | English Description |
| source_fund_desc_id | String (100) | Indonesian Description |

17.44 Rollover Type (Time Deposit)

| Element Name | Data Type | Description |
|------------------|--------------|------------------------|
| rollover_code | String (1) | Code |
| rollover_desc_en | String (100) | English Description |
| rollover_desc_id | String (100) | Indonesian Description |

17.45 Time Deposit Product

| Element Name | Data Type | Description |
|---------------------|---------------|---|
| prod_cd | String (20) | Product Code |
| prod_name | String (100) | Product Name |
| ccy_code | String (3) | Currency Code |
| tenor_value | Numeric | Tenor Value |
| tenor_type | String(1) | Tenor Type (D : Day, M : Month, Y : Year) |
| interest_term_value | String (20) | Interest Term Value, value will be in list of Numeric separated by comma (ex : 1,3,6) |
| interest_term_type | String(1) | Interest Term Type (D : Day, M : Month, Y : Year) |
| min_amount | Numeric(18,2) | Minimum Amount of Placement |
| max_amount | Numeric(18,2) | Maximum Amount of Placement |
| interest_rate | Numeric(4,2) | Interest rate (percentage) |

17.46 User Data

| Element Name | Data Type | Description |
|----------------|--------------------------------|---------------|
| usr_id | String(36) | Record ID |
| usr_cd | String(25) | |
| usr_nm | String(50) | |
| addr_1 | String(250) | |
| addr_2 | String(250) | |
| city_cd | String(36) | |
| prov_cd | String(36) | |
| ctry_cd | String(20) | |
| segment_cd | String(20) | |
| post_cd | String(8) | |
| prt_org_cd | String(20) | Parent ORG CD |
| cntct_cd | String(20) | |
| cntct_nm | String(20) | |
| cntct_typ | String(20) | |
| cntct_val | String(20) | |
| created_by_uid | String(36) | |
| created_by_ucd | String(25) | User CD |
| created_by_unm | String(50) | User Name |
| updated_by | String(36) | |
| updated_by_ucd | String(25) | User CD |
| updated_by_unm | String(50) | User Name |
| time_updated | DateTime (YYYY-MM-DD HH:MI:SS) | |
| time_created | DateTime (YYYY-MM-DD HH:MI:SS) | |
| version | Integer | |
| org_cd | String(20) | Owning ORG CD |
| email | String(1000) | |
| addr_3 | String(250) | |
| usr_status_cd | String(10) | |

| Element Name | Data Type | Description |
|----------------------|-------------------------------------|--|
| usr_state_cd | String(30) | |
| user_profile_cd | String(36) | |
| user_profile_nm | String(50) | |
| exp_date | Date | YYYY-MM-DD |
| last_datetime_login | DateTime (YYYY-MM-DD HH:MI:SS) | |
| is_change_pass | String(1) | Y/N |
| is_logged | String(1) | Y/N |
| is_del | String(1) | Y/N |
| is_email | String(1) | |
| last_sent_email | DateTime (YYYY-MM-DD HH:MI:SS) | |
| login_attempt | Integer | |
| token_cr_ctr | Integer | |
| token_otp_ctr | Integer | |
| is_auth_notif_alert | String(1) | |
| pin_block_flag | Integer | |
| phone1 | String(40) | |
| phone2 | String(40) | |
| usr_group | String(40) | |
| session_timestamp | DateTime (YYYY-MM-DD HH:MI:SS) | |
| default_token | String(2) | |
| sw_token_eligibility | String(1) | Y/N |
| sw_token_cr_ctr | Integer | |
| sw_token_otp_ctr | Integer | |
| maker_auth_own | String(1) | Y/N Indicator to tell that a user with role combination of Maker & Authorizer can authorize his own created transaction |
| list_role | List of Role object | List of role object |
| maintenance_type | String(50) | Applicable in pending auth list |
| action_code | String(50) | Applicable in pending auth list |
| auth_status_code | String(3) | Applicable in pending auth list |

| Element Name | Data Type | Description |
|-------------------|--------------|---|
| auth_status | String(50) | Applicable in pending auth list |
| pending_record_id | String(36) | Applicable in pending auth list |
| org_name | String (100) | Organization Name |
| domain_id | String(15) | PR : PROVIDER SB : SUBSCRIBER SO : SITE OWNER |

17.47 Subscriber Profile

| Element Name | Data Type | Description |
|-------------------|------------|---|
| profile_cd | String(36) | Ex: SUPER (all Subs will have this profile) |
| profile_desc | String(50) | |
| version | Integer | |
| profile_record_id | String(36) | Record ID |
| maintenance_type | String(50) | Applicable in pending auth list |
| auth_status_code | String(3) | Applicable in pending auth list |
| auth_status | String(50) | Applicable in pending auth list |
| pending_record_id | String(36) | Applicable in pending auth list |

17.48 Pending User Record

| Element Name | Data Type | Description |
|-------------------|------------|-------------|
| pending_record_id | String(36) | |
| user_cd | String(25) | |
| version | Integer | |

17.49 Purchase Data

| Element Name | Data Type | Description |
|--------------|---------------|--------------------------|
| bill_reff | String(50) | Billing reference number |
| bill_amount | Numeric(17,2) | Billing Amount |
| bill_caption | String(40) | Billing Caption/Label |

17.50 Customer Account Data

| Element Name | Data Type | Description |
|-----------------|------------|-----------------|
| customer_number | String(19) | Customer Number |

| | | |
|---------------|------------|--------------------|
| customer_name | String(50) | Customer Name |
| customer_id | String(36) | Customer Record ID |

17.51 Customer Loan Data

| Element Name | Data Type | Description |
|------------------|---|---------------------------------------|
| group_cd | String(50) | |
| group_name | String(100) | |
| loan_acct_name | String(100) | |
| loan_cust_number | String(19) | |
| amount_limit | Number(18,2) | |
| outstanding_amt | Number(18,2) | |
| available_amt | Number(18,2) | |
| currency_code | String(3) | |
| last_update | String(20) | yyyy-MM-dd HH:mm:ss |
| facility_list | List of Customer Facility Data Object | List of Customer Facility Data Object |

17.52 Customer Facility Data

| Element Name | Data Type | Description |
|--------------------|--------------|---|
| id | String(50) | A_xxx: Agreement ID F_xxx: Facility ID |
| parent_id | String(50) | Parent ID = Blank = Agreement Record Parent ID = A_xxx = Facility Record |
| description | String(200) | |
| product_code_str | String(50) | |
| group_id | String(50) | |
| group_name | String(100) | |
| source_application | String(50) | |
| debtor_cif | String(19) | |
| debtor_name | String(100) | |
| currency_code | String(3) | |
| amount_limit | Number(18,2) | |
| outstanding_amt | Number(18,2) | |
| available_amt | Number(18,2) | |
| value_date | String(10) | yyyy-MM-dd |

| Element Name | Data Type | Description |
|--------------|------------|-------------|
| due_date | String(10) | yyyy-MM-dd |

17.53 Customer Investment Data

| Element Name | Data Type | Description |
|-----------------|--------------|---------------------|
| customer_number | String(19) | |
| client_code | String(20) | |
| product_name | String(100) | |
| product_code | String(50) | e.q. account number |
| unit_balance | Number(20,5) | |
| currency_code | String(3) | |
| nav_amount | Number(14,5) | |
| amount_balance | Number(18,2) | |
| nav_date | Date | yyyy-MM-dd |
| invest_type | String(10) | |
| maturity_date | Date | yyyy-MM-dd |
| coupon_pct | Number(18,2) | |

17.54 Pending Account Maintenance Record

| Element Name | Data Type | Description |
|-------------------|------------|---------------------------------|
| pending_record_id | String(36) | |
| id | String(36) | Account Identifier |
| account_no | String(19) | |
| ccy_code | String(3) | Currency Code |
| account_name | String(40) | |
| alias_name | String(40) | |
| version | Integer | |
| maintenance_type | String(50) | Applicable in pending auth list |
| auth_status_code | String(3) | Applicable in pending auth list |
| auth_status | String(50) | Applicable in pending auth list |

17.55 Account Maintenance Result

| Element Name | Data Type | Description |
|-------------------|------------|-------------|
| pending_record_id | String(36) | |

| Element Name | Data Type | Description |
|--------------------|------------|-----------------------------|
| id | String(36) | Account Identifier |
| account_no | String(19) | |
| ccy_code | String(3) | Currency Code |
| action_code | String(1) | 'A' – Approve, 'R' - Reject |
| result_status_cd | String(5) | '00000' – Success |
| result_status_desc | String(50) | Failure Reason |

17.56 Account Access Profile Object

| Element Name | Data Type | Description |
|----------------------|--|---------------------------------------|
| record_id | String(36) | |
| org_cd | String(20) | |
| role_cd | String(50) | |
| role_base | String(20) | Role base |
| role_desc | String(50) | |
| created_by_ucose | String(50) | |
| created_by_uname | String(50) | |
| created_date | Datetime | |
| updated_by_ucose | String(50) | |
| updated_by_uname | String(50) | |
| updated_date | Datetime | |
| version | Integer | |
| acct_accprofile_list | List of Account Access Profile Detail Object | List of Account Access Profile Detail |
| maintenance_type | String(50) | Applicable in pending auth list |
| auth_status_code | String(3) | Applicable in pending auth list |
| auth_status | String(50) | Applicable in pending auth list |
| pending_record_id | String(36) | Applicable in pending auth list |
| role_id_tmp | String(36) | Applicable in pending auth list |

17.57 Account Access Profile Detail Object

| Element Name | Data Type | Description |
|--------------|------------|-------------|
| record_id | String(36) | |

| Element Name | Data Type | Description |
|------------------|---|-------------|
| detail_record_id | String(36) | |
| account_no | String(19) | |
| account_ccy | String(3) | |
| account_name | String(50) | |
| alias_name | String(50) | |
| product_list | List of Account Access Profile Product List | |

17.58 Account Access Profile Product List

| Element Name | Data Type | Description |
|-------------------|----------------|---|
| product_group | String(50) | |
| product_code_list | List of String | List of Product Code under “prod_group”. See Appendix Product Code / Transaction Type |
| prod_group_name | String(50) | |
| prod_name_list | List of String | |

17.59 Authorization Policy Object

| Element Name | Data Type | Description |
|-------------------|---|------------------------------------|
| record_id | String(36) | |
| org_cd | String(20) | |
| auth_policy_id | String(50) | |
| auth_policy_name | String(100) | |
| created_by_ucose | String(50) | |
| created_by_uname | String(50) | |
| created_date | Datetime | |
| updated_by_ucose | String(50) | |
| updated_by_uname | String(50) | |
| updated_date | Datetime | |
| version | Integer | |
| status_flag_cd | String(5) | |
| status_flag_desc | String(50) | |
| authpol_rule_list | List of Authorization Policy Rules Object | List of Authorization Policy Rules |

| Element Name | Data Type | Description |
|-------------------|------------|---------------------------------|
| maintenance_type | String(50) | Applicable in pending auth list |
| auth_status_code | String(3) | Applicable in pending auth list |
| auth_status | String(50) | Applicable in pending auth list |
| pending_record_id | String(36) | Applicable in pending auth list |

17.60 Authorization Policy Rules Object

| Element Name | Data Type | Description |
|----------------------|---|---|
| record_id | String(36) | |
| auth_policy_recid | String(36) | |
| rule_weight | Integer | |
| rule_name | String(100) | |
| transfer_amt | Number(18,2) | |
| transfer_ccy | String(3) | |
| operator_cd | String(3) | |
| is_sequence | String(1) | Y/N |
| created_by_ucose | String(50) | |
| created_by_uname | String(50) | |
| created_date | Datetime | |
| updated_by_ucose | String(50) | |
| updated_by_uname | String(50) | |
| updated_date | Datetime | |
| version | Integer | |
| maintenance_type | String(50) | Applicable in pending auth list |
| authpol_product_list | List of Authorization Policy Product Detail Object | List of Authorization Policy Product Detail Object |
| authpol_account_list | List of Authorization Policy Account Detail Object | List of Authorization Policy Account Detail Object |
| authpol_auth_list | List of Authorization Policy Authorizer Detail Object | List of Authorization Policy Authorizer Detail Object |

17.61 Authorization Policy Product Detail Object

| Element Name | Data Type | Description |
|-------------------|------------|--|
| auth_policy_recid | String(36) | |
| detail_record_id | String(36) | |
| prod_code | String(10) | See Appendix Product Code / Transaction Type |
| prod_group | String(50) | |
| created_by_ucose | String(50) | |
| created_by_uname | String(50) | |
| created_date | Datetime | |
| updated_by_ucose | String(50) | |
| updated_by_uname | String(50) | |
| updated_date | Datetime | |
| version | Integer | |
| prod_group_name | String(50) | |
| prod_name | String(50) | |

17.62 Authorization Policy Account Detail Object

| Element Name | Data Type | Description |
|-------------------|------------|-------------|
| auth_policy_recid | String(36) | |
| detail_record_id | String(36) | |
| account_number | String(19) | |
| currency_code | String(3) | |
| created_by_ucose | String(50) | |
| created_by_uname | String(50) | |
| created_date | Datetime | |
| updated_by_ucose | String(50) | |
| updated_by_uname | String(50) | |
| updated_date | Datetime | |
| version | Integer | |

17.63 Authorization Policy Authorizer Detail Object

| Element Name | Data Type | Description |
|-------------------|------------|-------------|
| auth_policy_recid | String(36) | |
| detail_record_id | String(36) | |

| Element Name | Data Type | Description |
|-------------------|-------------|-------------|
| weight | Integer | |
| auth_profile_id | String(36) | |
| auth_profile_name | String(100) | |
| status_desc | String(30) | |
| state_desc | String(30) | |
| created_by_ucose | String(50) | |
| created_by_uname | String(50) | |
| created_date | Datetime | |
| updated_by_ucose | String(50) | |
| updated_by_uname | String(50) | |
| updated_date | Datetime | |
| version | Integer | |

17.64 Pending Authorization Count

| Element Name | Data Type | Description |
|--------------|------------|--|
| menu_item_id | String(10) | Menu Item ID (Appendix Menu Item) |
| count | Integer | Count of item |

17.65 Product Config

| Element Name | Data Type | Description |
|------------------|--|---------------------------------------|
| general_config | Object of General Config | General Config |
| cot_config | Object of COT Config | COT Config |
| trx_limit_config | Object of Transaction Limit Config | Transaction Limit Config |
| prod_cd | String | Product Code |
| list_cot_ccy | List of COT Config | List of COT Config, applicable for TT |

17.66 General Config

| Element Name | Data Type | Description |
|--------------------|----------------|----------------------------|
| available_currency | List of String | List of available currency |

17.67 COT (Cut Off Time) Config

| Element Name | Data Type | Description |
|--------------|-----------|-------------|
|--------------|-----------|-------------|

| | | |
|----------------|---------------------|--|
| is_cot | Boolean | Cut off time flag |
| bus_hour_start | String Time (HH:mm) | Business hour start |
| bus_hour_end | String Time (HH:mm) | Business hour end |
| ccy_cd | String | Currency code (only applicable for TT) |

17.68 Transaction Limit Config

| Element Name | Data Type | Description |
|--------------|-----------|----------------|
| min_amount | Numeric | Minimum Amount |
| max_amount | Numeric | Maximum Amount |

17.69 MT103

| Element Name | Data Type | Description |
|--------------|-----------|-------------|
| row_id | Numeric | Row ID |
| mt_data | String | MT Data |

17.70 Transaction Notification Object

| Element Name | Data Type | Description |
|------------------|-------------|---------------------------------|
| record_id | String(36) | |
| org_cd | String(20) | |
| contact_name | String(100) | |
| contact_value | String(100) | |
| contact_type | String(20) | |
| created_by_ucose | String(50) | |
| created_by_uname | String(50) | |
| created_date | Datetime | |
| updated_by_ucose | String(50) | |
| updated_by_uname | String(50) | |
| updated_date | Datetime | |
| version | Integer | |
| status_flag_cd | String(5) | |
| status_flag_desc | String(50) | |
| maintenance_type | String(50) | Applicable in pending auth list |
| auth_status_code | String(3) | Applicable in pending auth list |

| Element Name | Data Type | Description |
|--------------------|---|---------------------------------|
| auth_status | String(50) | Applicable in pending auth list |
| pending_record_id | String(36) | Applicable in pending auth list |
| trx_notif_dtl_list | List of Transaction Notification Detail | |

17.71 Common Authorization Result

| Element Name | Data Type | Description |
|--------------------|------------|-----------------------------|
| pending_record_id | String(36) | |
| action_code | String(1) | 'A' – Approve, 'R' - Reject |
| result_status_cd | String(5) | '00000' – Success |
| result_status_desc | String(50) | Failure Reason |

17.72 Velocity Registration Data

| Element Name | Data Type | Description |
|-----------------------|---|---|
| record_id | String (GUID) | |
| registration_no | String (25) | |
| version_no | Integer | |
| revision_no | Integer | |
| submission_date | Date/Time | ISO yyyy-MM-ddTHH:mm:ss.SSSTZD |
| last_revision_date | Date/Time | ISO yyyy-MM-ddTHH:mm:ss.SSSTZD |
| registration_status | String (3) | See Appendix Velocity Registration Status |
| account_details | Velocity Registration Data – Account Details | |
| inputter_details | Velocity Registration Data – Individual Details | |
| signer_details | Velocity Registration Data – Signer Details | |
| document_details_list | List Of Velocity Registration Data – Document Details | |

17.73 Velocity Registration Data – Account Details

| Element Name | Data Type | Description |
|-------------------|-------------|-------------|
| account_no | String (20) | |
| account_no_masked | String (20) | |

| Element Name | Data Type | Description |
|---------------------|--------------|-------------|
| account_name | String (100) | |
| account_name_masked | String (100) | |

17.74 Velocity Registration Data – Signer Details

| Element Name | Data Type | Description |
|----------------|---|----------------------------------|
| signature_flow | String (1) | 'S' – SEQUENTIAL; 'P' - PARALLEL |
| signer_list | List of Velocity Registration Data – Individual Details | |

17.75 Velocity Registration Data – Individual Details

| Element Name | Data Type | Description |
|--------------------|---------------|------------------------|
| user_id | String (GUID) | |
| version_no | Integer | user record version no |
| sequence | Integer | |
| name | String (100) | |
| name_masked | String (100) | |
| ktp_no | String (16) | |
| ktp_no_masked | String (16) | |
| npwp_no | String (15) | |
| npwp_no_masked | String (15) | |
| address | String (255) | |
| address_masked | String (255) | |
| email | String (75) | |
| email_masked | String (75) | |
| phone | String (50) | |
| phone_masked | String (50) | |
| gender | String (1) | M – Male, F – Female |
| gender_masked | String (1) | 'X' |
| birth_place | String (100) | |
| birth_place_masked | String (100) | |
| birth_date | String (8) | yyyy-MM-dd |
| birth_date_masked | String (8) | |
| province | String (50) | |

| Element Name | Data Type | Description |
|-------------------|--|-----------------------|
| province_masked | String (50) | |
| city | String (50) | |
| city_masked | String (50) | |
| ktp_photo | Base64 | |
| ktp_file_name | String(50) | |
| ktp_file_ext | String(10) | |
| npwp_photo | Base64 | |
| npwp_file_name | String(50) | |
| npwp_file_ext | String(10) | |
| signature_details | Velocity Registration Data – Signature Details | Applicable for Signer |
| revision_info | Velocity Registration Data – Revision Info | |
| verification_info | Velocity Registration Data – Verification Info | Applicable for Signer |

17.76 Velocity Registration Data – Signature Details

| Element Name | Data Type | Description |
|-----------------------|-----------|--|
| order_id | Integer | |
| master_order_id | Integer | |
| order_create_date | Date/Time | ISO yyyy-MM-ddTHH:mm:ss.SSSTZD |
| signingcode_sent_date | Date/Time | ISO yyyy-MM-ddTHH:mm:ss.SSSTZD |
| sign_status | String | signature_flow= 'S' (Sequential) 0 – Not Signed 1 – Expired 2 – Signed signature_flow = 'P' (Parallel) 0 – Not Signed -1 – Expired 2 – Signed |
| sign_status_desc | String | |
| sign_sequence | Integer | |
| sign_check_date | Date/Time | Signature Check Status Date ISO yyyy-MM-ddTHH:mm:ss.SSSTZD |
| cb_sign_date | Date/Time | Callback Signature Date/Time ISO yyyy-MM-ddTHH:mm:ss.SSSTZD |

17.77 Velocity Registration Data – Document Details

| Element Name | Data Type | Description |
|------------------|---------------|--------------------------------|
| doc_id | String (GUID) | |
| version_no | Integer | |
| doc_type | String | |
| file_name | String | |
| ext | String | PDF, TIF, TIFF |
| upload_date | Date/Time | ISO yyyy-MM-ddTHH:mm:ss.SSSTZD |
| need_sign | Boolean | |
| doc_blob | Base64 | Original Doc |
| final_signed_doc | Base64 | Signed Doc |

17.78 Velocity Registration Data – Revision Info

| Element Name | Data Type | Description |
|--------------------|-------------|--------------------------------|
| revision_no | String (25) | |
| revision_used_date | Date/Time | ISO yyyy-MM-ddTHH:mm:ss.SSSTZD |
| revision_exp_date | Date/Time | ISO yyyy-MM-ddTHH:mm:ss.SSSTZD |

17.79 Velocity Registration Data – Verification Info

| Element Name | Data Type | Description |
|------------------------|-------------|--------------------------------|
| verification_no | String (25) | |
| verification_used_date | Date/Time | ISO yyyy-MM-ddTHH:mm:ss.SSSTZD |
| verification_exp_date | Date/Time | ISO yyyy-MM-ddTHH:mm:ss.SSSTZD |

17.80 Customer Loan Data (V2)

| Element Name | Data Type | Description |
|-----------------|--------------|-------------|
| agreement_id | String(50) | |
| document_id | String(50) | |
| currency_code | String(3) | |
| amount_limit | Number(18,2) | |
| outstanding_amt | Number(18,2) | |
| available_amt | Number(18,2) | |
| period_from | String(8) | yyyy-MM-dd |

| | | |
|---------------|---|---------------------------------------|
| period_to | String(8) | yyyy-MM-dd |
| facility_list | List of Customer Facility Data (V2) | List of Customer Facility Data Object |

17.81 SWIFT GPI Outbound

| Element Name | Data Type | Description |
|------------------------|--|-------------|
| transaction_status | String | |
| status_desc_id | String | |
| status_desc_en | String | |
| initiation_datetime | Timestamp | |
| completion_datetime | Timestamp | |
| instructed_amount | Numeric (18,2) | |
| credited_amount | Numeric (18,2) | |
| deducted_amount | Numeric (18,2) | |
| instructed_ccy | String | |
| credited_ccy | String | |
| deducted_ccy | String | |
| value_date | Date (YYYY-MM-DD) | |
| charged_bearer | String | |
| charged_bearer_desc_id | String | |
| charged_bearer_desc_en | String | |
| uetr | String | |
| tracking_list | List of SWIFT GPI Outbound – Tracking List | |

17.82 SWIFT GPI Outbound – Tracking List

| Element Name | Data Type | Description |
|--------------------|-----------|-------------|
| bic_from | String | |
| bic_to | String | |
| bic_from_desc | String | |
| bic_to_desc | String | |
| transaction_status | String | |
| status_desc_id | String | |

| | | |
|--------------------|-----------|--|
| status_desc_en | String | |
| trx_reason_code | String | |
| trx_reason_desc_id | String | |
| trx_reason_desc_en | String | |
| last_update | Timestamp | |
| receive_date | Timestamp | |
| settlement_date | Timestamp | |

17.83 Customer Facility Data (V2)

| Element Name | Data Type | Description |
|-----------------|--------------|-------------|
| facility_code | String(50) | |
| description | String(100) | |
| cif_no | String(19) | |
| customer_name | String(200) | |
| currency_code | String(3) | |
| available_amt | Number(18,2) | |
| outstanding_amt | Number(18,2) | |
| period_from | String(8) | yyyy-MM-dd |
| period_to | String(8) | yyyy-MM-dd |

17.84 Transaction Notification Detail

| Element Name | Data Type | Description |
|--------------------|--|---|
| trx_type | String(20) | See Appendix Product Code |
| notification_setup | Object of Notification Setup | |
| list_amount_setup | List of Amount Setup | |

17.85 Amount Setup

| Element Name | Data Type | Description |
|--------------|-----------|-------------|
| ccy_code | String(3) | |
| amount | Numeric | |
| operator | String | |

17.86 Notification Setup

| Element Name | Data Type | Description |
|-------------------|----------------|-------------|
| list_status | List of String | |
| list_role | List of String | |
| list_custom_email | List of String | |

17.87 Province List

| Element Name | Data Type | Description |
|------------------|------------|-------------|
| sibs_province_id | String (5) | |

| | | |
|---------------|-------------|--|
| province_id | String (5) | |
| province_name | String (50) | |

17.88 Execute Time Batch

| Element Name | Data Type | Description |
|-------------------------------------|-------------|-------------------|
| prod_cd | String (10) | |
| time_list [Array of Objects] | | |
| code | String (5) | B0700, B0900, etc |
| time_value | String (5) | 07:00, 09:00, et |
| time_desc | String (50) | |

17.89 BIFAST Inquiry Data

| Element Name | Data Type | Description |
|----------------------|-----------|-------------|
| session_id | | |
| bene_name | | |
| inq_trx_status | | |
| inq_reason_code | | |
| bene_ktp_no | | |
| bene_resident_status | | |
| bene_cif_type | | |
| bene_city_code | | |
| bene_account | | |
| bene_account_ccy | | |

18 Appendix

18.1 Product Code / Transaction Type

| Product Code | Description ID | Description EN | Transaction Source |
|--------------|--|------------------------------------|--------------------|
| IFT | Transfer Dana ke OCBC NISP | Internal Fund Transfer | MN, NB |
| OAT | Transfer Dana ke Rekening Sendiri | Own Fund Transfer | MN, NB |
| OLT | Transfer Online | Online Transfer | MN, NB |
| LLG | Pembayaran LLG/SKN | LLG/SKN Payment | MN, NB |
| RTGS | Pembayaran RTGS | RTGS Payment | MN, NB |
| TT | Transfer Valuta Asing | Telegraphic Transfer | MN, NB |
| ASI | Sweep In Rekening | Account Swept In | MN |
| BPM | Pembayaran dan Pembelian | Payment and Purchase | MN, NB |
| ETAX | Pembayaran Pajak | E-Tax Payment | MN, NB |
| ONFX | Transaksi ONFX | ONFX Transaction | MN |
| TDAO | Pembukaan Deposito | Time Deposit Opening | MN |
| TDAM | Pemeliharaan Perpanjangan Deposito | Time Deposits Rollover Maintenance | MN |
| CSWTH | Penarikan Dana | Cash Withdrawal | MN |
| BLIDR | Pembayaran Bulk IDR | Bulk Payment IDR | BLIDR |
| BLIDRGB | Velocity V1 - Pembayaran Bulk IDR | Velocity V1 - Bulk Payment IDR | BLIDR |
| SPIDR | Pembayaran Bulk IDR Supplier | Bulk Payment Supplier IDR | BLIDR |
| PYIDR | Pembayaran Bulk IDR Payroll | Bulk Payment Payroll IDR | BLIDR |
| BLFCY | Pembayaran Bulk Valuta Asing | Bulk Payment Foreign | BLFCY |
| BLFCYGB | Velocity V1 - Pembayaran Bulk Valuta Asing | Velocity V1 - Bulk Payment Foreign | BLFCY |
| SPFCY | Pembayaran Bulk Valuta Asing Supplier | Bulk Payment Supplier Foreign | BLFCY |
| PYFCY | Pembayaran Bulk Valuta Asing Payroll | Bulk Payment Payroll Foreign | BLFCY |
| TON | E-Tax Upload Online | E-Tax Upload Online | TON |
| TOF | E-Tax Upload Batch | E-Tax Upload Batch | TOF |
| VA | Unggah Anggota VA | VA Member Upload | VA |
| STMT | Rekening Koran | Statement | |
| ASO | Sweep Out Rekening | Account Swept Out | MN |

| | | | |
|----------|----------------------------|-------------------------------|--------|
| LOANACCT | Ringkasan Akun Loan | Loan Account Summary | |
| UNTRST | Ringkasan Unit Trust | Unit Trust Account Summary | |
| OBLGSRTL | Ringkasan Obligasi Retail | Bonds Account Summary | |
| ESPT | Data Laporan Pendukung SPT | SPT Statement Supporting Data | |
| BULK | Pembayaran Bulk | Bulk Payment | |
| FAST | Pembayaran BIFAST | BIFAST Payment | MN, NB |

18.2 Transaction Source

| Transaction Source Code | Description |
|-------------------------|----------------------|
| MN | Manual |
| NB | Non-Bulk File Upload |
| BLIDR | Bulk File Upload IDR |
| BLFCY | Bulk File Upload FCY |
| TON | Etax Upload Online |
| TOF | Etax Upload Batch |
| VA | VA Member Upload |
| BL | Bulk File Upload |

18.3 Transaction Status

| Status Code | Description (English) | Description (Bahasa) |
|-------------|-----------------------|----------------------------------|
| 000 | Mix Status | Status Campuran |
| 001 | Saved | Disimpan |
| 002 | Deleted | Dihapus |
| 003 | Pending Verification | Verifikasi Tertunda |
| 004 | Pending Authorization | Otorisasi Tertunda |
| 005 | Authorized | Telah Ditorisasi |
| 006 | Cancelled | Dibatalkan |
| 007 | Auth Rejected | Otorisasi Ditolak |
| 008 | Repushed Pending Auth | Repushed Otorisasi yang Tertunda |
| 009 | Repushed Approved | Otorisasi Repushed |
| 010 | Repush Cancelled | Batal Kirim Ulang |

| | | |
|-----|-----------------------------------|----------------------------------|
| 011 | In Progress | Dalam Proses |
| 012 | Completed | Selesai |
| 013 | Rejected | Ditolak |
| 014 | Suspected | Diinvestigasi |
| 015 | Uploaded | Terupload |
| 016 | Upload Failed | Upload Gagal |
| 018 | Processed | Sudah Diproses |
| 020 | Cancel Txn Pending Auth | Batalkan Transaksi yang Tertunda |
| 021 | Processing | Sedang Diproses |
| 022 | Part Completed | Selesai Sebagian |
| 023 | Part Rejected | Ditolak Sebagian |
| 025 | Pending Release by Bank | Release Tertunda oleh Bank |
| 027 | Ready to Submit for Authorization | Siap Diajukan untuk Otorisasi |
| 028 | Inquiry Rejected | Inquiry Ditolak |
| 030 | Inquiry Success | Inquiry Berhasil |
| 031 | Fetch In Progress | Sedang Berlangsung |
| 032 | Transaction In Progress | Transaction In Progress |
| 034 | Final Process | Proses Akhir |
| 035 | Not Executed | Tidak Diproses |
| 036 | Ready For Collection | Siap Untuk Pengambilan |

18.4 File Upload Format

| Format Code | Format Description | Transaction Source Code |
|-------------|-------------------------------------|-------------------------|
| GFT | General Fund Transfer | NB |
| OP | Online Payment | NB |
| GBFT | Velocity V1 - General Fund Transfer | NB |
| BLIDR | Bulk Payment IDR | BLIDR |
| BLIDRGB | Velocity V1 - Bulk Payment IDR | BLIDR |
| BLFCY | Bulk Payment Foreign | BLFCY |
| BLFCYGB | Velocity V1 - Bulk Payment Foreign | BLFCY |
| TON | Etax Upload Online | TON |
| TOF | Etax Upload Batch | TOF |
| VA | VA Member Upload | VA |

18.5 JSON data object for Screen Data of Bill Presentment and Online Transfer

```

{
  "header":
  {
    "headerLeft": "HEADER TEXT LEFT ALIGNMENT",
    "headerCenter": "HEADER TEXT CENTER ALIGNMENT",
    "headerRight": "HEADER TEXT RIGHT ALIGNMENT"
  },
  "detail":
  [
    {
      "label": "SOME LABEL",
      "value": "SOME VALUE"
    },
    {
      "label": "SOME LABEL",
      "value": "SOME VALUE"
    }
  ],
  "footer":
  {
    "footerLeft": "FOOTER TEXT LEFT ALIGNMENT",
    "footerCenter": "FOOTER TEXT CENTER ALIGNMENT",
    "footerRight": "FOOTER TEXT RIGHT ALIGNMENT"
  }
}

```

18.6 Time Deposit Maintenance Matrix

| Old RolloverType | New Rollover Type |
|------------------|-------------------|
| A | Y or N |
| Y | N |
| N | Y |

Note :
A: Rollover with interest compound
Y: Rollover
N: Non-rollover

18.7 Menu Item

| Menu Item ID | Description |
|--------------|------------------------------------|
| 10103 | Users Management (AUTH) |
| 10104 | Authorization Profile Setup (AUTH) |
| 10105 | Authorization Policy (AUTH) |
| 10107 | Account Aliases (AUTH) |

| | |
|-------|-------------------------------|
| 10108 | Account Access Profile (AUTH) |
| 10110 | Beneficiary Management (AUTH) |

18.8 Velocity Registration Status

| Status Code | Description | Description (Bahasa) |
|-------------|-----------------------------|----------------------------|
| 001 | Pending Acknowledgement | Menunggu Afirmasi |
| 002 | Canceled | Dibatalkan |
| 003 | Pending Revision (Inputter) | Menunggu Revisi (Inputter) |
| 004 | Pending Revision (Signer) | Menunggu Revisi (Signer) |
| 005 | Review by The Bank | Sedang direview |
| 006 | Pending Signature | Menunggu Tanda Tangan |
| 007 | Completed | Selesai |

18.9 Execute Time Batch

| Code | Description | Additional Remarks |
|-------|--------------------------|---|
| B0000 | System (Default) | |
| B0700 | Execute Time Batch 07:00 | |
| B0900 | Execute Time Batch 09:00 | |
| B1100 | Execute Time Batch 11:00 | |
| B1300 | Execute Time Batch 13:00 | |
| B1500 | Execute Time Batch 15:00 | Not Applicable for RTGS, LLG, TT |
| B1700 | Execute Time Batch 17:00 | Not Applicable for RTGS, LLG, TT |