

# VELOCITY 2

## REST API ONEBC OMNI CHANNEL

### **COPYRIGHT NOTICE**

Copyright © (2019) by OCBCNISP

All rights reserved. This material is confidential and proprietary to OCBCNISP and no part of this material should be reproduced, published in any form by any means, electronic or mechanical including photocopy or any information storage or retrieval system nor should the material be disclosed to third parties without the express written authorization of OCBCNISP

## Document Information

<b>Status</b>	Draft	<b>Document Date</b>	28 May 2019
<b>Author</b>	Angga Bastian		

### Authorisation

<b>Reviewed By</b>	_____	<b>Date</b>	
<b>Approved By</b>	_____	<b>Date</b>	
<b>Reviewed By</b>	_____	<b>Date</b>	
<b>Approved By</b>	_____	<b>Date</b>	
<b>Reviewed By</b>	_____	<b>Date</b>	
<b>Approved By</b>	_____	<b>Date</b>	
<b>Reviewed By</b>	_____	<b>Date</b>	
<b>Approved By</b>	_____	<b>Date</b>	

**Distribution List**

No.	To	Action	Due Date
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 <b>user/unbind</b> operation Added <b>user/device</b> operation Added <b>usr_domain</b> field to <b>user/authentication</b> response. Added <b>challenge_code</b> field to <b>token/cr/request</b> response. Remove <b>response_code</b> field to <b>token/cr/verify</b> request. Added <b>response_code</b> field to <b>token/cr/verify</b> request. Added <b>id</b> field on <b>Account</b> object. Updated <b>Transaction</b> object. Refactor field name <b>*account*</b> become <b>*acct*</b> . Added <b>trx_data</b> and <b>error_message</b> field on <b>onfx/post</b> response Updated <b>ONFX Rate</b> object
0.5	17 Jun 2019	Angga Bastian	Updated <b>user_state</b> condition for force change password on <a href="#">user/authenticate</a> operation. Added detailed description for force change password condition <sup>1</sup> . Added <b>Others</b> resource. Added <a href="#">FAQ</a> Object. Added <b>total_item</b> field on <b>Transaction</b> object. Added <a href="#">transaction/check cot</a> operation. Added <a href="#">Appendix</a> information. Added <a href="#">acct mgmt/statement/download</a> operation. Updated <b>Task List</b> resource to accommodate non-transaction task list Added <b>Non-Transaction Task</b> object. Added <a href="#">Appendix</a> . Added <a href="#">transaction/check cot</a> operation.
0.6	25 Jun 2019	Angga Bastian	Added <a href="#">others/tnc</a> operation. Added <b>File</b> object definition. Updated <a href="#">user/image</a> operation. Set org_cd and usr_cd parameter as not mandatory in <a href="#">holiday</a> resource.

Version	Impl. Date	Authors	Summary of Changes
0.7	1 Jul 2019	Angga Bastian	<p>Added <b>period_from</b> and <b>period_to</b> parameter on <b>fxrate/inquiry</b> operation.</p> <p>Added parameter <b>pymt_master_id</b> on <b>others/tnc</b> operation.</p> <p>Updated <b>Transaction</b> object to cover more type/source of transaction.</p> <p>Updated transaction type list definition (<a href="#">Appendix 15.1</a>).</p> <p>Updated ONFX response.</p>
0.8	3 Jul 2019	Angga Bastian	<p>Updated <b>task_list/list_trx</b> operation.</p> <p>Added <b>Transaction Status</b> appendix.</p> <p>Updated <b>Transaction</b> object.</p> <p>Updated <b>Payment Request Object</b>.</p>
0.9	4 Jul 2019	Angga Bastian	<p>Added <b>transaction/view_status</b> and <b>transaction/summary</b> operation</p> <p>Rename Task Status Count become <b>Transaction Status Count</b></p>
0.10	4 Jul 2019	Angga Bastian	<p>Updated <b>Transaction</b> object.</p>
0.11	5 Jul 2019	Angga Bastian	<p>Updated <b>notification/board/list</b> request parameter.</p> <p>Updated default <b>authorization/list_pending_trx</b> request parameter</p> <p>Updated <b>Transaction</b> object</p>
0.12	16 Jul 2019	Angga Bastian	<p>Updated <b>authorization/list_pending_trx</b> request.</p> <p>Updated <b>transaction/future_dated</b> request.</p> <p>Added <b>notification/push/send</b> operation.</p> <p>Updated <b>product code appendix</b>.</p> <p>Updated <b>acct_mgmt/list</b> operation to get list of time deposit account.</p> <p>Updated <b>Account</b> object.</p> <p>Rename transaction/summary operation become <b>transaction/item_summary</b>.</p> <p>Added <b>transaction/data_list</b> operation.</p> <p>Updated <b>onfx/post</b> request.</p>
0.13	25 Jul 2019	Angga Bastian	<p>Separate respose 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><a href="#">Customer Token Inquiry</a> Changes: add is_default</p> <p>Added in "Token": <a href="#">Software Token Eligibility</a>, <a href="#">Switch Default Active Token</a></p> <p>Added in "Others": <a href="#">Get list of Banks</a>, <a href="#">Get list of Billing Organization</a>, <a href="#">Get Country List</a>, <a href="#">Get Regulatory Information Data</a></p> <p>Added in "Transaction": <a href="#">Get Funds Transfer Beneficiary List</a>, <a href="#">Get Bill Presentment Beneficiary List</a></p>
0.15	02 Aug	Didik Hartono	<p><a href="#">Term and Conditions</a> 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": <a href="#">Confirmation of Term and Conditions</a></p>
0.16	08 Aug	Didik Hartono	<p>Changes in "Others": <a href="#">Get list of Banks</a>. Split transfer type for domestic banks into RTGS and LLG</p>
0.17	08 Aug	Aji Perdana	<p>Update <a href="#">Submit Funds Transfer Transaction</a> operation.</p> <p>Added <a href="#">Submit Transaction Payment (Bill Presentment and ETAX)</a> operation.</p> <p>Added <a href="#">Biller List (Bill Presentment)</a></p>

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

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



Version	Impl. Date	Authors	Summary of Changes
0.25	28 Aug	Didik Hartono	<p>Changes in <a href="#">Submit Funds Transfer Transaction</a> , add request field "template_name"</p> <p>Changes in <a href="#">Submit Transaction Payment (Bill Presentment and ETAX)</a> , add request field "template_name" (as nick_name for save as payee)</p> <p>Changes in <a href="#">Get Bill Presentment Beneficiary List</a>, add request field "group_name" (able to query list of payees according to biller group)</p> <p>Use <a href="#">Software Token Delete</a> for device unbind if customer has software token provisioned in that device</p>
0.26	29 Aug	Didik Hartono	Add <a href="#">Reset Password</a> API
0.27	30 Aug	Didik Hartono	Changes in <a href="#">Get list of Billing Organization</a> , add response fields "category" id", "biller_title_id", "biller_title_en", "biller_info_id" and "biller_info_en" in <a href="#">Billing Organization List</a> according to Payments VD to display billing information
0.28	10 Sept	Didik Hartono	Changes in <a href="#">Submit Funds Transfer Transaction</a> , data type for field "resident_status" should be String (2)
0.29	11 Sept	Didik Hartono	Changes in <a href="#">Submit Funds Transfer Transaction</a> , Sender Name is also mandatory for OLT
0.30	19 Sept	Aji Perdana Putra	<p>Changes in <a href="#">Submit Funds Transfer Transaction</a>, Add bene_bank_address2 and bene_bank_address3</p> <p>Changes in <a href="#">Submit Funds Transfer Transaction</a>, bene_name is mandatory for product RTGS, LLG, IFT, and TT</p> <p>Changes in <a href="#">Submit Funds Transfer Transaction</a>, bene_bank_address is mandatory for product RTGS, LLG, and TT</p>
0.31	23 Sept	Aji Perdana Putra	<p>Changes in <a href="#">Beneficiary List (Fund Transfer)</a>, Add province_code and city_code</p> <p>Change in <a href="#">Payment Request Object</a>, 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 <a href="#">Update Status FundTransfer Transaction</a></p> <p>Add Service <a href="#">Update Status Payment Transaction</a></p> <p>Add Service <a href="#">Add Transaction Notes</a></p> <p>Add Service <a href="#">Delete Transaction Notes</a></p> <p>Add Service <a href="#">Download Payment Receipt</a></p> <p>Add Service <a href="#">FavoriteAccount List</a></p> <p>Add Some Fields on <a href="#">Transaction</a> Object</p> <p>Add Field <b>trx_status</b> on Request Parameter Service <a href="#">Transaction Item Summary</a></p> <p>Add Field <b>list_prod_cd</b> on <a href="#">Account</a> Object</p> <p>Add Field <b>pymt_master_id</b> on Request Object for Service <a href="#">Transaction List</a> , <a href="#">Data List</a>, and <a href="#">List Pending Verification / Authorization</a></p> <p>Edit Description for field <b>branch_name</b> on <a href="#">Bank List Service</a></p> <p>Add <b>value_date_from</b> and <b>value_date_to</b> on Service <a href="#">Transaction List</a></p>
0.33	28 Nov 2019	Aji Perdana Putra	<p>Add Service <a href="#">Get Bank Swift</a></p>
0.34	4 Dec 2019	Steven Juan	<p>Merge Service <a href="#">Update Status Payment Transaction</a> and <a href="#">Update Status FundTransfer Transaction</a> to <a href="#">Update Status Transaction</a></p> <p>Add Service <a href="#">List Upload Notes</a></p> <p>Add Service <a href="#">Add Upload Notes</a></p> <p>Add Service <a href="#">Delete Upload Notes</a></p> <p>Add object <a href="#">Upload Note</a></p>
0.35	2 Jan 2020	Aji Perdana Putra	<p>Added <b>Transaction Management</b> resource.</p> <p>Add Service <a href="#">Add Beneficiary</a></p> <p>Add Service <a href="#">Edit Beneficiary</a></p> <p>Add Service <a href="#">View Beneficiary</a></p> <p>Add Service <a href="#">Delete Beneficiary</a></p> <p>Add Service <a href="#">Delete Recurring</a></p> <p>Update request of Service <a href="#">Task List Count</a></p> <p>Update Object <a href="#">Transaction Status Count</a></p> <p>Add Object <a href="#">Transaction Status Count Detail</a></p> <p>Add field <b>source_file_name</b>, <b>upload_date_from</b>, <b>upload_date_to</b> on service <a href="#">Transaction List</a></p> <p>Add field <b>bene_bank_city</b> on service <a href="#">Submit Funds Transfer Transaction</a></p>

Version	Impl. Date	Authors	Summary of Changes
0.36	16 Jan 2020	Aji Perdana Putra	<p>Add Field is_favorite on <a href="#">View Beneficiary Response</a>, <a href="#">Add Beneficiary Request</a>, And <a href="#">Edit Beneficiary Request</a></p> <p>Add Field is_favorite on <a href="#">Beneficiary List Object</a></p> <p>Change type of prod_cd on <a href="#">Transaction Data List Request</a> from String to List of String</p> <p>Add field acct_name and acct_alias on <a href="#">Transaction Summary object</a></p> <p>Change name of response object on <a href="#">List Upload Notes Service</a> 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 <a href="#">Transaction Object</a></p> <p>Add Field auth_profile_name on <a href="#">Transaction Authorization Sequence Detail Object</a></p>
0.38	22 Jan 2020	Didik Hartono	<p>New Service <a href="#">List Funds Transfer Recurring</a></p> <p>New Service <a href="#">List Payments Recurring</a></p> <p>Update Service <a href="#">Device</a>, 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 <a href="#">Transaction Summary</a></p> <p>Update field prod_cd to mandatory and remove field source_trx on request <a href="#">Update Status Transaction</a></p>
0.39	4 Feb 2020	Steven Juan	<p>Add field channel on <a href="#">Transaction Audit</a></p> <p>Add Object <a href="#">Favorite Account</a></p> <p>Remove field list_account and add field favorite_acct_map on request <a href="#">Favorite Account List</a></p> <p>Remove field prod_cd and add field list_prod_cd, debit_acct_no, and bene_acct_no on request <a href="#">List Funds Transfer Recurring</a></p> <p>Add field debit_acct_no, billing_id, and biller_code on request <a href="#">List Payments Recurring</a></p> <p>Remove field list_prod_cd and add fav_prod_map on object <a href="#">Account</a></p> <p>Add field show_favorite_only on request <a href="#">Get Bill Presentment Beneficiary List</a></p> <p>New Service <a href="#">Favorite Beneficiary</a> to flag/unflag funds transfer beneficiaries</p>

Version	Impl. Date	Authors	Summary of Changes
0.40	11 Feb 2020	Didik Hartono	<p>Add field "is_detail" on <a href="#">Download Payment Receipt</a> 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 <a href="#">Inquiry Online Transfer</a> 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 <a href="#">Software Token Post-Bind</a> and <a href="#">Switch Default Active Token</a></p>
0.42	25 Feb 2020	Aji Perdana Putra	<p>Add <a href="#">Recurring</a> object</p> <p>Change response for service <a href="#">List Funds Transfer Recurring</a> and <a href="#">List Payment Recurring</a> to list of Recurring Object</p>
0.43	26 Feb 2020	Aji Perdana Putra	<p>Change field prod_cd on <a href="#">Favorite Account List</a> to mandatory field</p>
0.44	03 Mar 2020	Aji Perdana Putra	<p>Add BL (Bulk File Uplaod) on <a href="#">Transaction Source</a>. This Source replace BLIDR and BLFCY on service <a href="#">List Pending Verification/Authorization</a>, <a href="#">Pre-Authorize Transaction</a>, <a href="#">Authorize Transaction</a>, and <a href="#">Transaction Summary</a></p> <p>Add Product Code ASO on <a href="#">Product Code / Transaction Type</a></p>
0.45	05 Mar 2020	Aji Perdana Putra	<p>Remove field upload_date on service <a href="#">List Pending Verification/Authorization</a></p> <p>Add field upload_date_from and upload_date_to on service <a href="#">List Pending Verification/Authorization</a></p> <p>Add field is_favorite_bene on service <a href="#">Submit Funds Transfer Transaction</a></p>
0.46	17 Mar 2020	Aji Perdana Putra	<p>Add value for recurring_type on <a href="#">Recurring</a>, <a href="#">Transaction</a>, <a href="#">Submit Fund Transfer Transaction</a>, and <a href="#">Submit Transaction Payment</a></p> <p>Add value and change value when recurring_type = D0 for recurring_value on <a href="#">Recurring</a>, <a href="#">Transaction</a>, <a href="#">Submit Fund Transfer Transaction</a>, and <a href="#">Submit Transaction Payment</a></p> <p>Add bene_id on <a href="#">Submit Fund Transfer Transaction</a> request</p> <p>Remove total_rows on <a href="#">Recurring</a></p> <p>Add total_rows on response <a href="#">List Funds Transfer Recurring</a> and <a href="#">List Payments Recurring</a></p>

Version	Impl. Date	Authors	Summary of Changes
0.47	02 Apr 2020	Aji Perdana Putra	Add field prod_name on <a href="#">Account</a> object
0.48	28 Apr 2020	Aji Perdana Putra	Change data type recurring_value to String(3) on <a href="#">Recurring</a> , <a href="#">Transaction</a> , <a href="#">Submit Fund Transfer Transaction</a> , and <a href="#">Submit Transaction Payment</a> Add field auth_type on <a href="#">Authenticate</a> service Add field interest_term and interest_term_type on <a href="#">Account</a> object Add <a href="#">Common Parameter</a> , <a href="#">List Product</a> , <a href="#">Inquiry Rate</a> , <a href="#">Submit Time Deposit Account Opening</a> , <a href="#">Get Account Detail</a> , <a href="#">Submit Time Deposit Account Maintenance</a> service Add <a href="#">Purpose</a> , <a href="#">Source of Fund</a> , <a href="#">Rollover Type</a> , <a href="#">Time Deposit Product</a>
0.49	14 May 2020	Aji Perdana Putra	Add new service <a href="#">Biometric Setup</a> Add field device_id, device_type, device_os on <a href="#">Authenticate</a> request Add field deal_type, version_variant_rate on <a href="#">Inquiry Rate</a> response Add field deal_type, version_variant_rate, lang on <a href="#">Submit Time Deposit Account Opening</a> request
0.50	19 May 2020	Aji Perdana Putra	Add field acct_no on service <a href="#">Get Source Account List</a> request Add field interest_amount on <a href="#">Account</a> object Add field interest_rate on <a href="#">Time Deposit Product</a> object Add <a href="#">Time Deposit Maintenance Matrix</a>
0.51	29 May 2020	Aji Perdana Putra	Add Service <a href="#">List of ONFX Currency</a> Add Service <a href="#">Inquiry ONFX Rate (V2)</a> Add Service <a href="#">Post ONFX (V2)</a> Add Object <a href="#">ONFX Rate (V2)</a>
0.52	05 June 2020	Aji Perdana Putra	Add field failctr on service <a href="#">Verify Password</a>
0.53	10 June 2020	Aji Perdana Putra	Change field bene_name on service <a href="#">Submit Funds Transfer Transaction</a> to mandatory field Add service <a href="#">Check Value Date</a>
0.54	15 June 2020	Aji Perdana Putra	Add fields for Time Deposit Account on <a href="#">Account Inquiry</a> 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 <a href="#">Role</a> object</p> <p>Enhance <a href="#">Submit Transaction Payment (Bill Presentment / Purchase and ETAX)</a> to support biller_type = PURCHASE, recurring option is not applicable for PURCHASE</p> <p>New API <a href="#">Purchase Inquiry</a> for biller_type = PURCHASE</p> <p>New APIs on Subscriber Administration: <a href="#">Subscriber User Data</a>, <a href="#">Subscriber Roles</a>, <a href="#">Subscriber Profiles</a>, <a href="#">Subscriber User Create/Modify</a>, <a href="#">Subscriber User General Maintenance</a></p> <p>New APIs on Authorization: <a href="#">Subscriber User Pending Authorization</a>, <a href="#">Subscriber User Authorization</a></p> <p>New APIs on Account Management: <a href="#">Customer Account List</a>, <a href="#">Customer Portfolio Download</a>, <a href="#">Customer Portfolio Data</a></p> <p>New Product Code List for Loan and Investment <a href="#">Product Code / Transaction Type</a></p> <p>New Custom Objects: <a href="#">User Data</a>, <a href="#">Subscriber Profile</a>, <a href="#">Pending User Record</a>, <a href="#">Pending User Record</a>, <a href="#">User Authorization Result</a>, <a href="#">Purchase Data</a>, <a href="#">Customer Account Data</a>, <a href="#">Customer Loan Data</a>, <a href="#">Customer Facility Data</a>, <a href="#">Customer Investment Data</a></p> <p>Change Product Name for BPM in <a href="#">Product Code / Transaction Type</a> into Payment &amp; Purchase ; Pembayaran &amp; Pembelian</p> <p>Add field biller_type on <a href="#">Payee List</a> object</p>

Version	Impl. Date	Authors	Summary of Changes
0.56	2 July 2020	Aji Perdana Putra	<p>New Services on Subscriber Management: <a href="#">Subscriber Account List</a>, <a href="#">Subscriber Account Maintenance</a>, <a href="#">Subscriber Funds Transfer Beneficiary List</a></p> <p>New Services on Authorization: <a href="#">Subscriber Account Maintenance Pending Authorization</a>, <a href="#">Subscriber Account Maintenance Authorization</a>, <a href="#">Subscriber Profile Maintenance Pending Authorization</a>, <a href="#">Subscriber Profile Maintenance Authorization</a>, <a href="#">Subscriber Beneficiary Maintenance Pending Authorization</a>, <a href="#">Beneficiary Authorization Result</a>, <a href="#">Subscriber Account Access Profile Maintenance Pending Authorization</a>, <a href="#">Subscriber Account Access Profile Maintenance Authorization</a>, <a href="#">Subscriber Authorization Policy Maintenance Pending Authorization</a>, <a href="#">Subscriber Authorization Policy Maintenance Authorization</a></p> <p>Add new fields on <a href="#">Account</a> Object: acct_prod_name, version, maintenance_type, auth_status_code, auth_status, pending_record_id</p> <p>Add new fields on <a href="#">Subscriber Profile</a> Object: maintenance_type, auth_status_code, auth_status, pending_record_id</p> <p>Add new fields on <a href="#">Beneficiary List (Funds Transfer)</a>: version, created_by_ucose, created_by_uname, maintenance_type, auth_status_code, auth_status, pending_record_id</p> <p>New Objects: <a href="#">Pending Account Maintenance Record</a>, <a href="#">Account Maintenance Result</a>, <a href="#">User Profile Authorization Result</a>, <a href="#">Beneficiary Authorization Result</a>, <a href="#">Account Access Profile Object</a>, <a href="#">Account Access Profile Detail Object</a>, <a href="#">Account Access Profile Product List</a>, <a href="#">Account Access Profile Authorization Result</a>, <a href="#">Authorization Policy Object</a>, <a href="#">Authorization Policy Rules Object</a>, <a href="#">Authorization Policy Product Detail Object</a>, <a href="#">Authorization Policy Account Detail Object</a>, <a href="#">Authorization Policy Authorizer Detail Object</a>, <a href="#">Authorization Policy Authorization Result</a></p> <p>Add new fields on <a href="#">Transaction</a>: 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 <a href="#">User Data</a> Object
0.58	15 July 2020	Aji Perdana Putra	Add Optional field "prepost_check" in <a href="#">Post ONFX (V2)</a> 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 <a href="#">Biometric Setup</a> request Add field biometric_setup <a href="#">Biometric Setup</a> request Remove error_message on <a href="#">Post ONFX (V2)</a> response Add field error_message_en and error_message_id on <a href="#">Post ONFX (V2)</a> 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 <a href="#">Pending Authorization Count</a> Object Add <a href="#">Menu Item</a> on Appendix Add <a href="#">Pending Authorization Count</a> Service
0.62	18 August 2020	Aji Perdana Putra	Add role_base on <a href="#">Account Access Profile Object</a> Add option DR on field action_cd on <a href="#">Biometric Setup</a>
0.63	1 September 2020	Aji Perdana Putra	Add maintenance_type, auth_status, and auth_status_code on <a href="#">Pending Account Maintenance Record</a> Add domain_id on <a href="#">User Data</a>
0.64	7 September 2020	Aji Perdana Putra	<a href="#">Submit Transaction Payment (Bill Presentment/Purchase and ETAX)</a> now supports Recurring Feature Add map and kjs on <a href="#">Transaction</a> Object for <a href="#">Transaction Data List</a> and <a href="#">Transaction Summary</a> Add invest_type, maturity_date, and coupon_pct on <a href="#">Customer Investment Data</a> Add option action_cd = 'U' on <a href="#">Device</a> Add MIR, SOR on <a href="#">Transaction</a> Object for <a href="#">Transaction Data List</a> Add maker_auth_own on <a href="#">Subscriber User Create/Modify</a> request
0.65	16 September 2020	Aji Perdana Putra	Add device_type and device_os on <a href="#">Reset Password</a> 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 <a href="#">Account Access Profile Product List</a> Add prod_group_name and prod_name on <a href="#">Authorization Policy Product Detail Object</a>
0.67	08 October 2020	Aji Perdana Putra	Add option value for trx_origin on <a href="#">Transaction</a> object Add field trx_source_link_id on <a href="#">Transaction</a> object Add field recurring_id on request <a href="#">List Funds Transfer Recurring</a> and <a href="#">List Payments Recurring</a> Service
0.68	12 October 2020	Aji Perdana Putra	Add new service <a href="#">Product Configuration</a> Add new Object <a href="#">Product Config</a> , <a href="#">General Config</a> , <a href="#">COT Config</a> , and <a href="#">Transaction Limit Config</a>
0.69	13 November 2020	Aji Perdana Putra	Add new Service <a href="#">MT103 Inquiry</a> Add new Custom Object <a href="#">MT103</a> Add new Service <a href="#">Term And Conditions (V2)</a> and <a href="#">Confirmation of Term And Conditions (V2)</a> Add field file_type on <a href="#">File</a> Object
0.70	24 November 2020	Aji Perdana Putra	Add field validation_check on <a href="#">Submit Fund Transfer Transaction</a> and <a href="#">Submit Transaction Payment</a> Add field ccy_code on request Service <a href="#">Term And Conditions (V2)</a> and on <a href="#">File</a> Object
0.71	11 February 2021	Aji Perdana Putra	Add field list_cot_ccy on <a href="#">Product Config</a> object Add ccy_cd on <a href="#">COT (Cut Off Time) Config</a> object
0.72	19 March 2021	Aji Perdana Putra	Add value 'R' for action_cd on <a href="#">Biometric Setup</a>
0.73	13 April 2021	Aji Perdana Putra	Add device_type and device_os on <a href="#">Customer Portofolio Download</a>

Version	Impl. Date	Authors	Summary of Changes
0.74	03 May 2021	Aji Perdana Putra	<p>Add validation_check on <a href="#">Update Status Transaction</a> request</p> <p>Add device_type and device_os on <a href="#">Change Password</a>, <a href="#">Subscriber User Authorization</a>, <a href="#">Subscriber Account Maintenance Authorization</a>, <a href="#">Subscriber Profile Maintenance Authorization</a>, <a href="#">Subscriber Beneficiary Maintenance Authorization</a>, <a href="#">Subscriber Account Access Profile Maintenance Authorization</a>, <a href="#">Subscriber Authorization Policy Maintenance Authorization</a></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 <a href="#">Common Authorization Result</a> Object</p> <p>Add <a href="#">Subscriber Transaction Notification Maintenance Pending Authorization</a> and <a href="#">Subscriber Transaction Notification Maintenance Authorization</a></p>
0.75	09 July 2021	Didik Hartono	<p>Add new services related to Velocity Registration: <a href="#">Velocity Registration – Inquiry Registration</a>, <a href="#">Velocity Registration – Submit Acknowledgment</a>, <a href="#">Velocity Registration – Submit Revision</a>, <a href="#">Velocity Registration – Cancel</a></p> <p>New Service V2 <a href="#">Customer Portfolio Data (v2)</a></p> <p>New Objects <a href="#">Velocity Registration Data</a>, <a href="#">Velocity Registration Data – Account Details</a>, <a href="#">Velocity Registration Data – Signer Details</a>, <a href="#">Velocity Registration Data – Document Details</a>, <a href="#">Velocity Registration Data – Revision Info</a>, <a href="#">Velocity Registration Data – Verification Info</a>, <a href="#">Customer Loan Data (V2)</a>, <a href="#">Customer Facility Data (V2)</a></p> <p>Add new field p2p_flag on <a href="#">Beneficiary List (Fund Transfer)</a> object</p> <p>Add device_type and device_os on <a href="#">Update Status Transaction</a> request</p>
0.76	13 July	Didik Hartono	<p>Add field “exec_time_batch_cd” on <a href="#">Transaction</a> Object</p> <p>Add field “exec_time_batch_cd” on <a href="#">Recurring</a> Object</p> <p>Add request field “exec_time_batch_cd” on <a href="#">Submit Funds Transfer Transaction</a> , <a href="#">Submit Transaction Payment (Bill Presentment/Purchase and ETAX)</a></p> <p>Add Appendix <a href="#">Execute Time Batch</a></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 <a href="#">Get Fund Transfer Beneficiary</a> request Add <a href="#">Transaction Notification Detail</a> , <a href="#">Amount Setup</a> , and <a href="#">Notification setup</a>
0.78	29 July 2021	Aji Perdana Putra	Remove p2p_flag on <a href="#">Beneficiary List (Fund Transfer)</a> object
0.79	01 Sept 2021	Aji Perdana Putra	Add <a href="#">Get Province List</a> service Add <a href="#">Province List</a> object
0.80	03 Sept 2021	Aji Perdana Putra	Add ktp_file_name, ktp_file_ext, npwp_file_name, npwp_file_ext on <a href="#">Velocity Registration Data - Individual Details</a>
0.81	10 Sept 2021	Aji Perdana Putra	Change document_details to document_details_list on <a href="#">Velocity Registration Data – Document Details</a>
0.82	13 Sept 2021	Didik Hartono	New API <a href="#">SWIFT GPI Outbound Tracking</a> New field “additional_info” on <a href="#">Transaction</a> Object
0.83	21 Sept 2021	Didik Hartono	Add field “agreement_id” optional for API <a href="#">Customer Portfolio Download</a> New API <a href="#">Inquiry Transaction Time Batch</a>
0.84	5 Okt 2021	Achmad Aries Pirnando	Remove field “agreement_id” for API <a href="#">Customer Portfolio Download</a> Add field “summary” optional for API <a href="#">Customer Portfolio Download</a>
0.85	13 Oct 2021	Aji Perdana Putra	Add request field “recurring_exec_time_batch_cd” on <a href="#">Submit Funds Transfer Transaction</a> , <a href="#">Submit Transaction Payment (Bill Presentment/Purchase and ETAX)</a>
0.86	2 Nov 2021	Aji Perdana Putra	New field “additional_info” on request <a href="#">Submit Fund Transfer Transaction</a> New field “is_additional_info” on request <a href="#">Download Payment Receipt</a>
0.87	16 Nov 2021	Achmad Aries Pirnando	Change description “sign_status” on <a href="#">Velocity Registration Data – Signature Details</a>
0.88	29 Nov 2021	Aji Perdana Putra	New field “remittance_no” on <a href="#">Transaction</a> object New field “uetr” on <a href="#">Swift GPI Outbound</a> object
0.89	07 Dec 2021	Aji Perdana Putra	New field “instructed_ccy”, “credited_ccy”, and “deducted_ccy” on <a href="#">Swift GPI Outbound</a> 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 <a href="#">Appendix Product Code / Transaction Type</a>.</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 <a href="#">Submit Fund Transfer Request</a>, and <a href="#">Transaction</a> object,</p> <p>Change description "prod_cd" with add new value "FAST" on <a href="#">Check Value Date</a> request.</p> <p>Change description "prod_cd_list" with add new value "FAST" on <a href="#">Inquiry Transaction Time Batch</a> request.</p> <p>Changes description "transfer_type" &amp; "bank_code" with add new value "FAST" on <a href="#">Get list of Banks</a> request.</p> <p>Add <a href="#">BIFAST Inquiry</a> Service, Add <a href="#">BIFAST Inquiry Data</a> Object, and Add new field 'bifast_data' on <a href="#">Submit Fund Transfer Request</a>.</p> <p>Add <a href="#">Update Device Alias</a> Service</p>
0.91	24 Jan 2022	Achmad Aries Pirnando	<p>Change description "prod_cd" with add new value "FAST" on <a href="#">Add Beneficiary</a>, <a href="#">Edit Beneficiary</a>, <a href="#">FundTransfer Recuring</a> request.</p> <p>Add <a href="#">Inquiry Beneficiary BIFAST</a> Service,</p>
0.92	04 Feb 2022	Achmad Aries Pirnando	<p>Remove <a href="#">Inquiry Beneficiary BIFAST</a> Service,</p> <p>Change detail request &amp; Response <a href="#">BIFAST Inquiry</a> Service</p> <p>Change detail object <a href="#">Recuring</a></p>
0.93	10 Feb 2022	Achmad Aries Pirnando	<p>Add <a href="#">Charges Account List</a> Service,</p>
0.94	25 Feb 2022	Achmad Aries Pirnando	<p>Add new field 'proxy_type', 'proxy_data' on <a href="#">Edit Beneficiary</a> Service &amp; <a href="#">View Beneficiary</a> Response</p>
0.95	24 Mar 2022	Achmad Aries Pirnando	<p>Add <a href="#">User Block</a> Service</p> <p>Add new list field response on <a href="#">Pre-Authorize Transaction Service</a></p>

Version	Impl. Date	Authors	Summary of Changes
0.96	14 Apr 2022	Achmad Aries Pirnando	Add <a href="#">Inquiry NPWP</a> Service Add <a href="#">Get NPWP Account</a> Service Update <a href="#">TnC V2</a> Service
0.97	22 Apr 2022	Achmad Aries Pirnando	Add <a href="#">Document</a> Service
0.98	28 Apr 2022	Achmad Aries Pirnando	Update request <a href="#">User Block</a> Service
0.99	08 Juni 2022	Achmad Aries Pirnando	Update service <a href="#">Customer Portfolio Data (v2)</a> & <a href="#">Customer Portfolio Data</a> for product BANCASSURANCE
0.100	22 Juni 2022	Achmad Aries Pirnando	Update <a href="#">Device</a> service Update <a href="#">Backdated Info</a> Object

## Table of Contents

1	Rest Model.....	30
1.1	Resources and operations.....	30
2	Supported Operations .....	30
2.1	Request Arguments.....	30
2.2	Response .....	30
2.3	Request Headers.....	30
2.4	HTTP Response .....	30
2.5	Response Entities .....	31
3	User Resources .....	32
3.1	Random Number.....	32
3.2	Xstring .....	32
3.3	Authenticate.....	32
3.4	Action List .....	34
3.5	Access Restriction.....	34
3.6	Change Password .....	35
3.7	Verify Password.....	35
3.8	Device .....	36
3.9	Logout.....	37
3.10	Profile Image.....	37
3.11	Reset Password .....	37
3.12	Biometric Setup .....	38
3.13	Update Device Alias .....	38
3.14	Block My User.....	38
4	Token.....	40
4.1	Customer Token Inquiry .....	40
4.2	OTP Request .....	40
4.3	OTP Verify.....	40
4.4	CR Request .....	41
4.5	CR Verify.....	41
4.6	Switch Default Active Token.....	42
4.7	Software Token Pre-Bind 1.....	42
4.8	Software Token Pre-Bind 2.....	43
4.9	Software Token Post-Bind .....	43
4.10	Software Token Delete.....	44

4.11	Software Token Eligibility .....	45
5	Notification .....	46
5.1	Notification Board List .....	46
5.2	Inquiry Push Notification Data .....	46
5.3	Send Push Notification.....	47
6	Account Management .....	48
6.1	Account Summary List .....	48
6.2	Account Statement .....	48
6.3	Account Statement Download.....	49
6.4	Account Inquiry .....	50
6.5	Account Inquiry Detail.....	51
6.6	Favorite Account List.....	53
6.7	Customer Account List .....	53
6.8	Customer Portfolio Download .....	54
6.9	Customer Portfolio Data .....	55
6.10	Customer Portfolio Data (v2).....	56
7	Task List .....	57
7.1	Task List Count.....	57
7.2	Transaction List .....	57
7.3	Non-Transaction List .....	58
8	Exchange Rate .....	59
8.1	Inquiry.....	59
9	Authorization .....	60
9.1	List Pending Verification/Authorization Transactions.....	60
9.2	Pre-Authorize Transactions.....	61
9.3	Authorize Transactions .....	61
9.4	Subscriber User Pending Authorization.....	62
9.5	Subscriber User Authorization.....	63
9.6	Subscriber Account Maintenance Pending Authorization .....	63
9.7	Subscriber Account Maintenance Authorization .....	64
9.8	Subscriber Profile Maintenance Pending Authorization .....	64
9.9	Subscriber Profile Maintenance Authorization .....	65
9.10	Subscriber Beneficiary Maintenance Pending Authorization .....	65
9.11	Subscriber Beneficiary Maintenance Authorization .....	66
9.12	Subscriber Account Access Profile Maintenance Pending Authorization .....	66
9.13	Subscriber Account Access Profile Maintenance Authorization .....	67

9.14	Subscriber Authorization Policy Maintenance Pending Authorization .....	68
9.15	Subscriber Authorization Policy Maintenance Authorization .....	68
9.16	Pending Authorization Count .....	69
9.17	Subscriber Transaction Notification Maintenance Pending Authorization .....	69
9.18	Subscriber Transaction Notification Maintenance Authorization .....	70
10	Transaction .....	71
10.1	List Transaction Notes .....	71
10.2	List Audit Trail .....	71
10.3	List Future Dated Transaction .....	72
10.4	Get Source Account List .....	72
10.5	Check Cut Off Time .....	73
10.6	View Status .....	73
10.7	Transaction Item Summary .....	74
10.8	Transaction Data List .....	74
10.9	Generate Bank Reference .....	76
10.10	Inquiry Online Transfer .....	76
10.11	Inquiry Bill Payment .....	77
10.12	Submit Funds Transfer Transaction .....	78
10.13	Get Funds Transfer Beneficiary List .....	83
10.14	Get Bill Presentment Beneficiary List .....	84
10.15	Submit Transaction Payment (Bill Presentment/Purchase and ETAX) .....	84
10.16	Update Status Transaction .....	88
10.17	Add Transaction Notes .....	88
10.18	Delete Transaction Notes .....	89
10.19	Download Payment Receipt .....	89
10.20	List Upload Notes .....	89
10.21	Add Upload Notes .....	90
10.22	Delete Upload Notes .....	90
10.23	Transaction Summary .....	90
10.24	Check Value Date .....	91
10.25	Purchase Inquiry .....	92
10.26	MT103 Inquiry .....	93
10.27	SWIFT GPI Outbound Tracking .....	93
10.28	Inquiry Transaction Time Batch .....	94
10.29	Inquiry Transaction BIFAST .....	94
10.30	Get Charges Account List .....	95



10.31	Inquiry NPWP .....	96
10.32	Get NPWP Account List .....	96
11	Transaction ONFX .....	98
11.1	Inquiry ONFX Rate .....	98
11.2	List of ONFX Currency .....	98
11.3	Inquiry ONFX Rate (V2) .....	98
11.4	Post ONFX .....	99
11.5	Post ONFX (V2) .....	100
12	Holiday .....	101
12.1	List Holiday Calendar .....	101
12.2	List Product Holiday .....	101
13	Others .....	102
13.1	Feedback .....	102
13.2	Frequently Ask Questions .....	102
13.3	FAQ Feedback .....	103
13.4	Term and Conditions .....	103
13.5	Confirmation of Term and Conditions .....	104
13.6	Get list of Banks .....	104
13.7	Get list of Billing Organization .....	105
13.8	Get Country List .....	105
13.9	Get Regulatory Information Data .....	105
13.10	Get Bank Swift .....	106
13.11	Term and Conditions (V2) .....	106
13.12	Confirmation of Term and Conditions (V2) .....	107
13.13	Velocity Registration – Inquiry Registration .....	107
13.14	Velocity Registration – Submit Acknowledgment .....	108
13.15	Velocity Registration – Submit Revision .....	108
13.16	Velocity Registration – Cancel .....	109
13.17	Get Province List .....	110
13.18	Document .....	110
14	Transaction Management .....	111
14.1	Add Beneficiary .....	111
14.2	Edit Beneficiary .....	112
14.3	View Beneficiary .....	113
14.4	Delete Beneficiary .....	115
14.5	Delete Recurring .....	115

14.6	List Funds Transfer Recurring .....	116
14.7	List Payments Recurring .....	116
14.8	Favorite Beneficiary .....	117
14.9	Product Configuration .....	117
15	Time Deposit Transaction .....	118
15.1	Common Parameter .....	118
15.2	List Product .....	118
15.3	Inquiry Rate .....	118
15.4	Submit Time Deposit Account Opening .....	120
15.5	Get Account Detail .....	121
15.6	Submit Time Deposit Account Maintenance .....	121
16	Subscriber Administration .....	123
16.1	Subscriber User Data .....	123
16.2	Subscriber Roles .....	123
16.3	Subscriber Profiles .....	124
16.4	Subscriber User Create/Modify .....	124
16.5	Subscriber User General Maintenance .....	125
16.6	Subscriber Account List .....	125
16.7	Subscriber Account Maintenance .....	126
16.8	Subscriber Funds Transfer Beneficiary List .....	126
17	Custom Object .....	128
17.1	Role .....	128
17.2	Menu .....	128
17.3	Menu Item .....	128
17.4	Param .....	128
17.5	Token .....	129
17.6	Notification Board .....	129
17.7	Push Notification .....	129
17.8	Account .....	130
17.9	Account Statement .....	131
17.10	Transaction Status Count .....	132
17.11	Transaction Status Count Detail .....	132
17.12	Transaction Summary .....	132
17.13	Transaction .....	132
17.14	Non-Transaction Task .....	137
17.15	Exchange Rate .....	138

17.16	Payment Request Object .....	138
17.17	Backdated Info .....	138
17.18	Authorization Result Info.....	138
17.19	Transaction Note .....	139
17.20	Transaction Audit.....	139
17.21	Transaction Authorization Sequence Master .....	139
17.22	Transaction Authorization Sequence Detail.....	139
17.23	ONFX Rate .....	140
17.24	ONFX Rate (v2).....	140
17.25	Holiday Calendar .....	140
17.26	Holiday Product .....	141
17.27	FAQ .....	141
17.28	File .....	141
17.29	Bank List Info .....	143
17.30	Billing Organization List .....	143
17.31	Country List .....	144
17.32	Category List (Regulatory) .....	144
17.33	Resident Status List (Regulatory) .....	144
17.34	Relationship Status List (Regulatory) .....	144
17.35	Underlying Type List (Regulatory).....	144
17.36	Payment Purpose List (Regulatory) .....	144
17.37	Beneficiary List (Funds Transfer).....	145
17.38	Payee List (Bill Presentment/Purchase).....	146
17.39	Upload Note .....	146
17.40	Favorite Account.....	146
17.41	Recurring.....	147
17.42	Purpose (Time Deposit) .....	148
17.43	Source Of Fund (Time Deposit).....	148
17.44	Rollover Type (Time Deposit).....	148
17.45	Time Deposit Product .....	148
17.46	User Data .....	149
17.47	Subscriber Profile.....	151
17.48	Pending User Record .....	151
17.49	Purchase Data.....	151
17.50	Customer Account Data .....	151
17.51	Customer Loan Data .....	152

17.52	Customer Facility Data .....	152
17.53	Customer Investment Data .....	153
17.54	Bancassurance Data .....	153
17.55	Pending Account Maintenance Record .....	154
17.56	Account Maintenance Result .....	154
17.57	Account Access Profile Object .....	154
17.58	Account Access Profile Detail Object.....	155
17.59	Account Access Profile Product List .....	155
17.60	Authorization Policy Object.....	156
17.61	Authorization Policy Rules Object.....	156
17.62	Authorization Policy Product Detail Object.....	158
17.63	Authorization Policy Account Detail Object .....	158
17.64	Authorization Policy Authorizer Detail Object.....	158
17.65	Pending Authorization Count.....	159
17.66	Product Config .....	159
17.67	General Config .....	159
17.68	COT (Cut Off Time) Config .....	159
17.69	Transaction Limit Config.....	160
17.70	MT103 .....	160
17.71	Transaction Notification Object .....	160
17.72	Common Authorization Result .....	161
17.73	Velocity Registration Data .....	161
17.74	Velocity Registration Data – Account Details .....	161
17.75	Velocity Registration Data – Signer Details .....	162
17.76	Velocity Registration Data – Individual Details .....	162
17.77	Velocity Registration Data – Signature Details .....	163
17.78	Velocity Registration Data – Document Details .....	164
17.79	Velocity Registration Data – Revision Info .....	164
17.80	Velocity Registration Data – Verification Info .....	164
17.81	Customer Loan Data (V2).....	164
17.82	SWIFT GPI Outbound .....	165
17.83	SWIFT GPI Outbound – Tracking List.....	165
17.84	Customer Facility Data (V2).....	167
17.85	Transaction Notification Detail.....	167
17.86	Amount Setup .....	167
17.87	Notification Setup .....	167

17.88	Province List .....	167
17.89	Execute Time Batch .....	168
17.90	BIFAST Inquiry Data .....	168
17.91	TD Rate Changes info .....	168
17.92	NPWP Billing Data .....	168
17.93	NPWP Account Data .....	169
18	Appendix .....	170
18.1	Product Code / Transaction Type .....	170
18.2	Transaction Source .....	171
18.3	Transaction Status .....	171
18.4	File Upload Format .....	172
18.5	JSON data object for Screen Data of Bill Presentment and Online Transfer .....	174
18.6	Time Deposit Maintenance Matrix .....	174
18.7	Menu Item .....	174
18.8	Velocity Registration Status .....	175
18.9	Execute Time Batch .....	175

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 <b>response_code</b> 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 <a href="#">authenticate</a> 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 <b>authenticate</b> 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 <a href="#">random number</a> 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 <a href="#">Role</a> 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= <b>US001</b> *) When user_status= <b>US004</b> , prompt user to change password <sup>1</sup>
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

<sup>1</sup>Condition 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= <b>TE001</b> *) When user_status= <b>TE006</b> , prompt user to change password <sup>1</sup>
menu_access_list	List of <a href="#">Menu</a> object	List of menu object based on user access permission
password_rules	List of <a href="#">Param</a> 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 <b>Action Key</b> 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 <b>Action Key</b> 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 <a href="#">random number</a> and <a href="#">modulus string</a>	Yes
param_p	String(32)	Param P. Generated using javascript method based on <a href="#">random number</a> and <a href="#">modulus string</a>	Yes
random_number	String(40)	Random number retrieved from <a href="#">random number</a> 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 <a href="#">random_number</a> and <a href="#">modulus_string</a>	Yes
param_p	String(32)	Param P. Generated using javascript method based on <a href="#">random_number</a> and <a href="#">modulus_string</a>	Yes
random_number	String(40)	Random number retrieved from <a href="#">random_number</a> 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 P: Set Primary 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

- 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.

### 3.14 Block My User

This operation is used to block user

- URL: [api\_endpoint]/user/block\_myuser
- Request Parameter

Parameter Name	Data Type	Description	Mandatory
org_cd	String(50)	Organization Code	Yes
usr_cd	String(50)	User Code	Yes
device_type	String(20)	Device type	Yes
device_os	String(20)	Device OS	Yes
email	String(1000)	Email of user	Yes
phone	String(50)	Phone of user	No
validation_check	String(1)	Y: only validation process N: validation and update user status blocked	No

- 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 <a href="#">Token</a> 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 <a href="#">OTP Request</a> 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 <a href="#">CR Request</a> 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 <a href="#">Notification Board</a> 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 <a href="#">Push Notification</a> 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 <a href="#">Account</a> 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 <a href="#">Account Statement</a> 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 <a href="#">Appendix 15.1</a>	Yes
favorite_acct_map	List of <a href="#">Favorite Account</a> 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 <a href="#">Appendix 15.1</a>	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 <a href="#">Customer Account Data</a> 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, BANCAS See <a href="#">Appendix 15.1</a>	Yes
period_from	String(8)	yyyyMMdd	Mandatory for ESPT
period_to	String(8)	yyyyMMdd	Mandatory for ESPT
summary	<a href="#">Customer Loan Data (V2)</a> 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 <a href="#">Appendix 15.1</a>	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	<a href="#">Customer Loan Data</a> Object	Applicable for Loan
wealth_data_list	List of <a href="#">Customer Investment Data</a> 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, UNTRST, OBLGSRTL, BANCAS See <a href="#">Appendix 15.1</a>	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 <a href="#">Customer Loan Data (V2)</a> Object	Applicable for Loan
wealth_data_list	List of <a href="#">Customer Investment Data</a> Object	Applicable for Unit Trust and Bonds
bancassurance_data_list	List of <a href="#">Bancassurance Data</a> Object	Applicable for Bancassurance



## 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 <a href="#">Appendix 15.2</a> 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 <a href="#">Transaction Status Count</a> 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 <a href="#">Appendix 15.2</a> 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 <a href="#">Transaction</a> 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 <b>NT</b>	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 <a href="#">Non-Transaction Task</a> 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 <sup>2</sup>	Date(YYYY-MM-DD)	Periode date from	No
period_to <sup>2</sup>	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 <a href="#">Exchange Rate</a> object	List of Exchange Rate object

---

<sup>2</sup> 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 <a href="#">Appendix 15.1</a>	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 <a href="#">Appendix 15.2</a> 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 <a href="#">Transaction</a> 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 <a href="#">Payment Request</a> 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 <a href="#">Backdated Info</a> object	List of Backdated Info object

## 9.3 Authorize Transactions

This operation is used to approve transasaction 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 <a href="#">Payment Request</a> Object	List of payment request object	Yes

request_id	String(36)	Generated request_id value from <a href="#">CR Request</a> 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 <a href="#">Authorization Result Info</a> 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 <a href="#">User Data</a> 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 <a href="#">Pending User Record</a> 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 <a href="#">Common Authorization Result</a> 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 <a href="#">Account</a> 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 <a href="#">Pending Account Maintenance Record</a> 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 <a href="#">Account Maintenance Result</a> 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 <a href="#">Subscriber Profile</a> 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 <a href="#">Subscriber Profile</a> 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 <a href="#">Common Authorization Result</a> 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 <a href="#">Beneficiary List (Funds Transfer)</a> 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 <a href="#">Beneficiary List (Funds Transfer)</a> 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 <a href="#">Common Authorization Result</a> 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 <a href="#">Account Access Profile Object</a>	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 <a href="#">Account Access Profile Object</a>	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 <a href="#">Common Authorization Result</a> 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 <a href="#">Authorization Policy Object</a>	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 <a href="#">Authorization Policy Object</a>	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 <a href="#">Common Authorization Result Object</a>	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 <a href="#">Pending Authorization Count</a> 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 <a href="#">Transaction Notif Object</a>	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 <a href="#">Transaction Notif Object</a>	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 <a href="#">Common Authorization Result</a> 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 <a href="#">Transaction Note</a> 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 <a href="#">Transaction Audit</a> object	List of Transaction Audit object
list_auth_list	List of <a href="#">Transaction Authorization Sequence Master</a>	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 <a href="#">Transaction</a> 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 <a href="#">Appendix 15.1</a>	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 <a href="#">Account</a> 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 <a href="#">Appendix 15.1</a>	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 <a href="#">Appendix 15.2</a>	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 <a href="#">Transaction Status Count</a> 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 <a href="#">Appendix 15.2</a>	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 <a href="#">Transaction Summary</a> 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 <a href="#">Appendix 15.1</a>	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 <a href="#">Appendix 15.2</a> 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 <a href="#">Transaction</a> 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 <a href="#">Appendix 15.1</a>	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	<a href="#">JSON data object for Screen Data of Bill Presentment and Online Transfer</a>	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	<a href="#">JSON data object for Screen Data of Bill Presentment and Online Transfer</a>	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 <a href="#">Execute Time Batch</a>	
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 <a href="#">Execute Time Batch</a>	Mandatory if save_recurring = true
resident_status	String(2)	<a href="#">Get Regulatory Information Data</a>	Mandatory For: RTGS, LLG, TT
remitter_country_residence	String(2)	<a href="#">Get Country List</a>	Mandatory For: TT

Parameter Name	Data Type	Description	Mandatory
remitter_category	String(4)	<a href="#">Get Regulatory Information Data</a>	Mandatory For: LLG, TT
bene_country_residence	String(2)	<a href="#">Get Country List</a>	Mandatory For: TT
bene_category	String(4)	<a href="#">Get Regulatory Information Data</a>	Mandatory For: LLG, TT
bene_affiliation_status	String(1)	<a href="#">Get Regulatory Information Data</a>	Mandatory For: TT
payment_purpose	String(5)	<a href="#">Get Regulatory Information Data</a>	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	<a href="#">JSON data object for Screen Data of Bill Presentment and Online Transfer</a>	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)	Applicable when proxy_type : FAST02 & FAST03	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	<a href="#">BIFAST Inquiry Data</a> 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	<a href="#">Transaction</a> 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 <a href="#">Appendix 15.1</a>	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	<a href="#">Beneficiary List (Funds Transfer)</a> 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	<a href="#">Payee List (Bill Presentment)</a> 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 <a href="#">Execute Time Batch</a>	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 <a href="#">Execute Time Batch</a>	Mandatory if save_recurring = true
session_id	String(50)		Yes
bill_ref_no	String(50)		Yes
response_data	<a href="#">JSON data object for Screen Data of Bill Presentment and Online Transfer</a>	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	<a href="#">Transaction</a> 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 <a href="#">Appendix 15.1</a>	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 <a href="#">Appendix 15.3</a>	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	<a href="#">Transaction</a> 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 <a href="#">Upload Note</a> 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 <a href="#">Appendix 15.2</a> 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 <a href="#">Transaction</a> 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 <a href="#">Purchase Data</a> Object	Purchase Data Object
details	<a href="#">JSON data object for Screen Data of Bill Presentment and Online Transfer</a>	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 <a href="#">MT103</a> 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	<a href="#">SWIFT GPI Outbound</a> 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 <a href="#">Product Code / Transaction Type</a>  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 <a href="#">Execute Time Batch</a> 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)	Mandatory when proxy_type : FAST02 & FAST03	Yes
proxy_type	String(6)	FAST01: Acc No FAST02: Mobile No FAST03: Email Address	Yes

Parameter Name	Data Type	Description	Mandatory
debit_acct_no		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
bene_acct_no		Mandatory when proxy_type : FAST01	Yes
bene_bank_id		Ex. 028, 014, 028473, etc Mandatory when proxy_type : FAST01	Yes
bene_bank_name		Mandatory when proxy_type : FAST01	Yes
amount	Numeric(18,2)	Amount <i>Set value to '10000' for using the service just to online checking the beneficiary name of other domestic bank account</i>	Yes
amount_ccy	String(3)	IDR	Yes
trx_purpose	String (2)	01- Investment 02- Transfer of Wealth 03- Purchase 99- Others	Yes

➤ Http response 200 data node for "00000" response\_code

Element Name	Data Type	Description
bene_name		
bene_acct_no		
bene_acct_ccy		
bene_bank_id		
bene_bank_name		
inquiry_bifast_data	<a href="#">BIFAST Inquiry Data</a> Object	

### 10.30 Get Charges Account List

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

- URL: [api\_endpoint]/transaction/charges\_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 <a href="#">Appendix 15.1</a>	Yes
ccy_cd	String(3)	Currency code	No
acct_no	String(20)	Account number	Yes

- Http response 200 data node for "00000" response\_code

Element Name	Data Type	Description
list_charges_account	List of <a href="#">Account</a> object	List of Account object

### 10.31 Inquiry NPWP

This operation is used to perform inquiry of NPWP for Payment / Purchase

- 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
npwp_no	String(50)	Npwp No	Yes

- Http response 200 data node for "00000" response\_code

Element Name	Data Type	Description
npwp_billing_list	List of <a href="#">NPWP Billing Data</a> object	

### 10.32 Get NPWP Account List

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

- URL: [api\_endpoint]/transaction/charges\_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 <a href="#">Appendix 15.1</a>	Yes

- Http response 200 data node for "00000" response\_code

Element Name	Data Type	Description
list_npwp_account	List of <a href="#">NPWP Account Data</a> 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 <a href="#">ONFX Rate</a>	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 <a href="#">ONFX Rate (v2)</a>	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	<a href="#">Transaction</a> 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 <a href="#">ONFX Rate (v2)</a>	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	<a href="#">Transaction</a> 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 <a href="#">Holiday Calendar</a>	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 <a href="#">Appendix 15.1</a>	No

- Http response 200 data node for "00000" response\_code

Element Name	Data Type	Description
list_holiday_product	List of <a href="#">Holiday Product</a>	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 <a href="#">File</a> 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 <a href="#">FAQ</a> 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(5)	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	<a href="#">File</a> 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	<a href="#">File</a> object	File object based on <a href="#">Term and Conditions API</a>	

- 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(4)	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 <a href="#">Bank List Info</a> 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	<a href="#">Billing Organization List</a> 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	<a href="#">Country List</a> 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	<a href="#">Category List (Regulatory)</a> object	Category List object
resident_status	<a href="#">Resident Status List (Regulatory)</a> object	Resident Status List Object

relationship_status	<a href="#">Relationship Status List (Regulatory)</a> object	Relationship List Object
underlying_type	<a href="#">Underlying Type List (Regulatory)</a> object	Underlying Type List Object
payment_purpose	<a href="#">Payment Purpose List (Regulatory)</a> 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/swift
- 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	<a href="#">Bank Info</a> 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(5)	Term and condition type: ONFX: ONFX transaction FX: Buy foreign exchange transaction TDAO: Time deposit account opening BLOCK: User Block TNC	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 <a href="#">File</a> 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 <a href="#">File</a> object	File object based on <a href="#">Term and Conditions</a> 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	<a href="#">Velocity Registration Data</a>	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	<a href="#">Velocity Registration Data – Individual Details</a>		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	<a href="#">Velocity Registration Data</a>	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	<a href="#">Velocity Registration Data – Individual Details</a>	for 'IN' -> Inputter Details for 'SG' -> Specific Signer (owner of the Revision_No)	Yes
signer_details	<a href="#">Velocity Registration Data – Signer Details</a>	Applicable for role = 'IN' only	Conditional
document_details	<a href="#">Velocity Registration Data – Document Details</a>	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	<a href="#">Velocity Registration Data</a>	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	<a href="#">Velocity Registration Data – Individual Details</a>	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	<a href="#">Province List</a> Object	Province List object

### 13.18 Document

This operation is used to get soft copy (in pdf format) of document.

- URL: [api\_endpoint]/others/document
- Request Parameter

Parameter Name	Data Type	Description	Mandatory
document_id	String(20)	Document Id: FORM_BLOCK_USER: User Block FORM	No
document_type	String(20)	Document Type: BLOCK: User Block Type	Yes

- Http response 200 data node for "00000" response\_code

Element Name	Data Type	Descriptio
file_list	List of <a href="#">File</a> object	File 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, FAST)	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, FAST)	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
proxy_type	String(10)	Applicable for FAST FAST01:Regular- Acc No, FAST02:Proxy - Mobile No, FAST03:Proxy- Email Address	Yes when prod_cd : FAST
proxy_data	String(50)	Applicable for FAST	Yes

- 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)	
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

#### 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, FAST)	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 <a href="#">Recurring</a>	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 <a href="#">Recurring</a>	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 <a href="#">Appendix 15.1</a>	Yes

- Http response 200 data node for "00000" response\_code

Element Name	Data Type	Description
product_config_list	List of <a href="#">Product Config</a>	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	<a href="#">Purpose (Time Deposit)</a> object	List of Purpose Object
source_fund_list	<a href="#">Source Of Fund (Time Deposit)</a> object	List of Source Of Fund Object
rollover_type_list	<a href="#">Rollover Type (Time Deposit)</a> 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 <a href="#">Time Deposit Product</a>	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	<a href="#">Transaction</a> 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	<a href="#">Account</a> 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	<a href="#">Transaction</a> 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 <a href="#">User Data</a> 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 <a href="#">Role</a> 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 <a href="#">Subscriber Profile</a> 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 <a href="#">Role</a> 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	<a href="#">User Data</a> 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	<a href="#">User Data</a> 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	<a href="#">Account</a> 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	<a href="#">Account</a> 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 <a href="#">Product Code / Transaction Type</a>	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	<a href="#">Beneficiary List (Funds Transfer)</a> 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 <a href="#">Menu Item</a> 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 <a href="#">Transaction Status Count Detail</a>	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 <a href="#">Appendix 15.1</a>
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 <a href="#">Appendix 15.1</a>
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 <b>Time Deposit Account No</b> 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 <sup>3</sup>	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 <a href="#">Appendix 15.3</a>
fx_type <sup>4</sup>	String(5)	FX Type: FRX01: Counter FRX02: Special FRX03: ONFX
fx_rate <sup>4</sup>	Numeric(13,7)	FX rate
fx_dealer_name <sup>4</sup>	String(35)	FX dealer name
fx_contract_no <sup>4</sup>	String(40)	FX contract number
fx_dealer_rate <sup>4</sup>	Numeric(13,7)	FX dealer rate
billing_id <sup>5</sup>	String(40)	Billing ID
billing_org_id <sup>5</sup>	String(20)	Billing organization ID
billing_org_name <sup>5</sup>	String(50)	Billing organization name
trx_source	String(10)	Transaction source See <a href="#">Appendix 15.2</a>
trx_origin	String(1)	Transaction Origin: M: Manual

<sup>3</sup>Only applicable for OLT,LLG,RTGS, and TT transaction

<sup>4</sup>Only applicable for cross currency transaction

<sup>5</sup>Only 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 <sup>6</sup>	String(100)	File name
upload_date <sup>6</sup>	Date (YYYY-MM-DD)	File upload date
upload_format <sup>6</sup>	String(20)	File upload format
interest_rate <sup>7</sup>	Numeric(2,2)	Account opening interest rate
tenor <sup>7</sup>	Integer	Account opening tenor value
tenor_code <sup>7</sup>	String(1)	Tenor term code: D: Day M: Month Y: Year
interest_term <sup>7</sup>	Integer	Interest term value
interest_term_code <sup>7</sup>	String(1)	Interest term code: D: Day M: Month Y: Year
ao_effective_date <sup>7</sup>	Date (YYYY-MM-DD)	Account effective date
ao_maturity_date <sup>7</sup>	Date (YYYY-MM-DD)	Account effective date
rollover_type <sup>7</sup>	String(1)	Account opening rollover type: A: Rollover with interest compound Y: Rollover N: Non-rollover
rollover_type_new <sup>7</sup>	String(1)	Account opening new rollover type.
ao_product_code <sup>7</sup>	String(20)	Account opening product code
ao_product_type <sup>7</sup>	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

<sup>6</sup>Only applicable for transaction with non-manual source

<sup>7</sup>Only applicable for TDAO and TDAM transaction

Element Name	Data Type	Description
ntpn <sup>8</sup>	String(100)	NTPN for Etax payment
ntb <sup>8</sup>	String(100)	NTB for Etax payment
upload_origin <sup>9</sup>	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

<sup>8</sup> Only applicable for ETAX Payment product

<sup>9</sup> 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 <a href="#">Execute Time Batch</a>
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 <a href="#">Appendix 15.2</a>
prod_cd	String(10)	Product code/Transaction type. See <a href="#">Appendix 15.1</a>
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 <a href="#">Appendix 15.1</a>
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
rate_changes_info	List of <a href="#">TD Rate Changes info</a> object	List of TD Rate Changes info object, only applicable when prod_cd TDAO or TDAM

### 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 <a href="#">Transaction Authorization Sequence Detail</a>	List of Transaction Authorization Sequence Detail

#### 17.22 Transaction Authorization Sequence Detail

Element Name	Data Type	Description
id	String(36)	Authorization List Detail ID

Element Name	Data Type	Description
weight	Integer	Authorization profile weight
auth_profile_id	String(50)	Authorization user profile id
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
holiday_type	String(3)	Holiday Type: PH: Public Holiday WK: Weekend CAL: Calendar Date
prod_cd	String(10)	Product code/Transaction type. See <a href="#">Appendix 15.1</a>
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 <a href="#">Appendix 15.1</a>
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, FAST)
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 <a href="#">Execute Time Batch</a>

#### 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 <a href="#">Role</a> 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 <a href="#">Customer Facility Data</a> 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 Bancassurance Data

Element Name	Data Type	Description
spaj_no		SPAJ Number
policy_no		Policy Number
product_code		
product_name		Product Name
currency_code		
total_sum_insured		Total Sum Insured
tenor		
bank_status		Status
payment_method		
cash_value		Cash Value
last_payment	Date	yyyy-MM-dd
outstanding_premi		

### 17.55 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

### 17.56 Account Maintenance Result

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
action_code	String(1)	'A' – Approve, 'R' - Reject
result_status_cd	String(5)	'00000' – Success
result_status_desc	String(50)	Failure Reason

### 17.57 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)	

Element Name	Data Type	Description
updated_by_uname	String(50)	
updated_date	Datetime	
version	Integer	
acct_accprofile_list	List of <a href="#">Account Access Profile Detail Object</a>	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

#### 17.58 Account Access Profile Detail Object

Element Name	Data Type	Description
record_id	String(36)	
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 <a href="#">Account Access Profile Product List</a>	

#### 17.59 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 <a href="#">Product Code / Transaction Type</a>
prod_group_name	String(50)	
prod_name_list	List of String	

### 17.60 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 <a href="#">Authorization Policy Rules Object</a>	List of Authorization Policy Rules
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

### 17.61 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)	

Element Name	Data Type	Description
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 <a href="#">Authorization Policy Product Detail Object</a>	List of Authorization Policy Product Detail Object
authpol_account_list	List of <a href="#">Authorization Policy Account Detail Object</a>	List of Authorization Policy Account Detail Object
authpol_auth_list	List of <a href="#">Authorization Policy Authorizer Detail Object</a>	List of Authorization Policy Authorizer Detail Object

### 17.62 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 <a href="#">Product Code / Transaction Type</a>
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)	

### 17.63 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	

### 17.64 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	

#### 17.65 Pending Authorization Count

Element Name	Data Type	Description
menu_item_id	String(10)	Menu Item ID (Appendix <a href="#">Menu Item</a> )
count	Integer	Count of item

#### 17.66 Product Config

Element Name	Data Type	Description
general_config	Object of <a href="#">General Config</a>	General Config
cot_config	Object of <a href="#">COT Config</a>	COT Config
trx_limit_config	Object of <a href="#">Transaction Limit Config</a>	Transaction Limit Config
prod_cd	String	Product Code
list_cot_ccy	List of <a href="#">COT Config</a>	List of COT Config, applicable for TT

#### 17.67 General Config

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

#### 17.68 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)

### 17.69 Transaction Limit Config

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

### 17.70 MT103

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

### 17.71 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 <a href="#">Transaction Notification Detail</a>	

#### 17.72 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

#### 17.73 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 <a href="#">Velocity Registration Status</a>
account_details	<a href="#">Velocity Registration Data – Account Details</a>	
inputter_details	<a href="#">Velocity Registration Data – Individual Details</a>	
signer_details	<a href="#">Velocity Registration Data – Signer Details</a>	
document_details_list	List Of <a href="#">Velocity Registration Data – Document Details</a>	

#### 17.74 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)	

### 17.75 Velocity Registration Data – Signer Details

Element Name	Data Type	Description
signature_flow	String (1)	'S' – SEQUENTIAL; 'P' - PARALLEL
signer_list	List of <a href="#">Velocity Registration Data – Individual Details</a>	

### 17.76 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	<a href="#">Velocity Registration Data – Signature Details</a>	Applicable for Signer
revision_info	<a href="#">Velocity Registration Data – Revision Info</a>	
verification_info	<a href="#">Velocity Registration Data – Verification Info</a>	Applicable for Signer

### 17.77 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

### 17.78 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

### 17.79 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

### 17.80 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

### 17.81 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 <a href="#">Customer Facility Data (V2)</a>	List of Customer Facility Data Object

### 17.82 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 <a href="#">SWIFT GPI Outbound – Tracking List</a>	

### 17.83 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	

#### 17.84 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

#### 17.85 Transaction Notification Detail

Element Name	Data Type	Description
trx_type	String(20)	See Appendix <a href="#">Product Code</a>
notification_setup	Object of <a href="#">Notification Setup</a>	
list_amount_setup	List of <a href="#">Amount Setup</a>	

#### 17.86 Amount Setup

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

#### 17.87 Notification Setup

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

#### 17.88 Province List

Element Name	Data Type	Description
sibs_province_id	String (5)	

province_id	String (5)	
province_name	String (50)	

### 17.89 Execute Time Batch

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

### 17.90 BIFAST Inquiry Data

Element Name	Data Type	Description
session_id		
inq_trx_status		
inq_reason_code		
bene_ktp_no		
bene_resident_status		
bene_cif_type		
bene_city_code		

### 17.91 TD Rate Changes info

Element Name	Data Type	Description
prod_cd		
bank_ref		
pymt_master_id		
base_interest_rate		
base_interest_rate_changes		

### 17.92 NPWP Billing Data

Element Name	Data Type	Description
billing_code		
exp_date	Date	



npwp		
total_pay_amt		
office		
doc_code		
doc_no		
doc_date		

**17.93 NPWP Account Data**

<b>Element Name</b>	<b>Data Type</b>	<b>Description</b>
npwp_no		
npwp_name		
company_name		

## 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
BANCAS	Bancassurance	Bancassurance	

### 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	<b>Not</b> Applicable for RTGS, LLG, TT
B1700	Execute Time Batch 17:00	<b>Not</b> Applicable for RTGS, LLG, TT