

Speed Station+

Web Plus Specification

Message Specification

Revision History

Version	Revision Date	Summary of Changes	Updated By
1.0	4 Nov 2015	First Draft	Marco Chan
1.1	16 Nov 2015	Added: - Change password	Keith Au
1.2	25 Nov 2015	Added: - Trade History - Order History - Quote Login	Marco Chan
1.3	8 Mar 2016	Added: - New Login Response 9	Tony Chan
1.4	05 May 2016	Added: - Check Version - New Order - Modify Order - Cancel Order - Order Book - Trade Book - Account Info - Portfolio - User Settings - Logout - Exchange Rate - Hold Fund in Account	Tony Chan
ipo-0613	13 Jun 2016	Added: - Service Registration - IPO Book - IPO Request Book	Marco Chan
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ipo-0629 1.41a	29 Jun 2016	Modify : - IPO Book : add subCutoff, offerCutoff, marginCutoff, nominalCcy, nominalValue, finHandlingFee Added: - IPO Detail - IPO Request Detail	Marco Chan
ipo-0707 1.42a	07 Jul 2016	Modify : - IPO Book : add dayFuture Added: - Export IPO master - Export IPO Request - IPO Cutoff - IPO Allotment - IPO History	Marco Chan

		<ul style="list-style-type: none"> - IPO Request History - IPO History Detail - IPO Request History Detail 	
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1 Introduction

This document describes the supported http method for ettss plus.

2 Connectivity

2.1 Connection

Browsers could initiates connection to web socket servers after login using https.

2.2 Session Management

A session would be generated when a user login to the web plus using HTTP POST, a session Id would be generated for subsequent authentication to web socket.

Each user can have one session only. Existing user session would be invalidated when duplicate login happened.

3 Message Definition

3.1 Message Format

The standard response message for web request is in JSON.

For all response messages, there would have return code and return message to indicate the status and necessary information of the result.

Field	Format	Optional	Description	Example
returnCode	String		Resulting code of the requested operation 0 is Success, otherwise there are error	0
returnMsg	String	Y	Additional description of the status if required	

3.2 Notation

Notation	Description	Example
String	String in UTF8 format	HSBC
Long	Decimal number	1000
Double	Floating point number	10050.5
Date	String in format YYYYMMDD	20150620
Datetime	String in format YYYYMMDDHH24MISS	20150620150101
Map	Key value pair data in JSON format	
List	List structure in JSON format	
Object	A JSON object	

4 Functions

4.1 Check Version

Description:

This API is used to check whether server accepts the client version.

Usage: [https://\\$host/i/checkVersion](https://$host/i/checkVersion)

Protocol: POST

Request Message:

Field	Format	Optional	Description	Example
ver	String		Client version number	
channel	String		Channel ID IT – web MI – iPhone MA – android MP – iPad MT – android Tablet	

Response Message:

Field	Format	Optional	Description	Example
url	String	Y	Download url for the latest version, applicable only for specific channel	

4.2 Login

Description:

This method is used to login to the system. A session id is generated for subsequent communication with web socket channel

Usage: [https://\\$host/i/login](https://$host/i/login)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
loginId	String		Login Id	
pwd	String		Login password	
lang	String		Client language E – English B – Traditional Chinese G – Simplified Chinese	
deviceId	String		Unique Id of device	
token	String		Device Token for push notification	
ver	String		Client version number	
channel	String		Channel ID	

			IT – web	
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Response Message:

Field	Format	Optional	Description	Example
sessionId	String	Y	Session id, generated only for successful login	
clientId	String		Default client Id	
tradeDate	Datetime		System date	
firstLogin	String		Y – First login request change password N – first login is not required	
supportedExch	List		Supported Exchange Id of the user HKG – Hong Kong Market SHG – China connect (Shanghai)	
quoteId	String	Y		
quotePwd	String	Y		
pwdExpDays	Long			
url	String	Y	Download url for the latest version, applicable only for specific channel	

4.3 Stock Info (Delay 15 mins)

Description:

This method is used to query stock information and delay price

Usage: [https://\\$host/i/dquote/](https://$host/i/dquote/)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
securities	String		Format in exchangeId.stockCode whereas <u>exchangeId</u> HKG – Hong Kong Market SHG – Shanghai Market <u>stockCode</u> Stock Code with leading zero formatted	HKG.00005 SHG.600001

Response Message:

Field	Format	Optional	Description	Example
securities	List			
exchangeId	String		Exchange Id of the order	
secId	String		Stock Code	
currency	String		Stock Currency	
name	String		English Name	
tcName	String		Traditional Chinese Name	
scName	String		Simplified Chinese Name	
lotSize	Long		Broad lot size	
spreadType	Long		Spread Table Id – 1 / 2 / 3	
prevClose	Double		Previous Close	
nominal	Double		Nominal	
ccyUnit	Long		Price unit in power of 10	
lastUpdateTime	Datetime		Last update time	

4.4 New Order

Description:

This API is used to place a new order

Usage: [https://\\$host/i/newOrder](https://$host/i/newOrder)

Protocol: POST

Request Message:

Field	Format	Optional	Description	Example
clientId	String		Client Id of the order	
accId	String		Account Id of the order	
accType	String		Account Type of the order C – Cash M – Margin	
exchangeId	String		Supported Exchange HKG – Hong Kong Market SHG – Shanghai Market	
secId	String		Stock Code	
orderSide	String		Order side B – Buy S – Sell	
orderType	String		Order Type L – Limit Price Order E – Enhanced Limit Order S – Special Limit Order A – At-auction Order I – Auction Limit Order	
price	Double		Order price	
qty	Long		Order Quantity	
brokerComment	String	Y	Free text	
considerationWarning	String	Y	Y – check consideration warning N – bypass consideration warning Default N if not provided	
toCC	String	Y	Y – send the order to cc approve N – do not send the order to cc approve Default N if not provided	

Response Message:

Field	Format	Optional	Description	Example
exchangeId	String		Exchange Id of the order	
origOrderId	String		Order id of the order	
exRate	Double	Y	Exchange rate(from foreign value to HKD value), used if consideration warning is triggered	
considerationAmount	Double	Y	User consideration amount, used if consideration warning is triggered	
ccAvailable	String	Y	Y – this order is able to send to cc approve N – this order is unable to send to cc approve	

4.5 Modify Order

Description:

This API is used to modify an existing order

Usage: [https://\\$host/i/modOrder](https://$host/i/modOrder)

Protocol: POST

Request Message:

Field	Format	Optional	Description	Example
exchangeId	String		Exchange Id of the order	
origOrderId	String		Order id of the order	
price	Double		Order price	
qty	Long		Order Quantity	
brokerComment	String	Y	Free text	
considerationWarning	String	Y	Y – check consideration warning N – bypass consideration warning Default N if not provided	
toCC	String	Y	Y – send the order to cc approve N – do not send the order to cc approve Default N if not provided	

Response Message:

Field	Format	Optional	Description	Example
exchangeId	String		Exchange Id of the order	
origOrderId	String		Order id of the order	
exRate	Double	Y	Exchange rate(from foreign value to HKD value), used if consideration warning is triggered	
considerationAmount	Double	Y	User consideration amount, used if consideration warning is triggered	
ccAvailable	String	Y	Y – this order is able to send to cc approve N – this order is unable to send to cc approve	

4.6 Cancel Order

Description:

This API is used to cancel an existing order

Usage: [https://\\$host/i/cancelOrder](https://$host/i/cancelOrder)

Protocol: POST

Request Message:

Field	Format	Optional	Description	Example
exchangeId	String		Exchange Id of the order	
origOrderId	String		Order Id of the order	

brokerComment	String	Y	Free text	
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Response Message:

Field	Format	Optional	Description	Example
exchangeld	String		Exchange Id of the order	
origOrderId	String		Order Id of the order	

4.7 Order Book

Description:

This API is used to query the order list the user can view

Usage: [https://\\$host/i/orderBook](https://$host/i/orderBook)

Protocol: POST

Request Message:

Field	Format	Optional	Description	Example
fromOrderId	Map	Y	The order id per exchange that client want to retrieved from Key : Exchange Id Value : Max received order id	{ "HKG": "1" "SHG": "50" }
osOrderId	Map	Y	The outstanding order id at client for recovery Key : Exchange Id Value : Order Ids in comma separated format	{ "HKG": "1,2" "SHG": "50" }

Response Message:

Field	Format	Optional	Description	Example
orders	List		List of Order	
exchangeId	String		Exchange Id of the order	
origOrderId	String		Order Id of the order	
secId	String		Stock Code	
orderSide	String		Order Side	
orderType	String		Order Type	
ccy	String		Stock Currency	
price	Double		Order Price	
qty	Long		Order Quantity	
fillQty	Long		Filled Quantity	
orderTime	Datetime		Order Time	
brokerComment	String		Free Text	
rejectReason	String		Reject information of the order	
Status	String		Order Status P – Processing Q – Queue Rej - Reject F – Fill CN – Cancel W – Wait WConfirm – Wait for confirm Exp – Expired SRej – SystemReject	

lastUpdateTime	Datetime		Last update time of the order	
clientId	String		Client Id	
accId	String		Account Id	
accType	String		Account Type	
requestType	String		A_NEW – New Order A_CNL – Order Cancel A_MOD – Order Modify A_OBO_CNL - OBO Cancel A_MCNL – Mass Cancel A_OBO_MCNL – OBO Mass Cancel A_CC_NEW – New Order to CC A_CC_MOD – Order Modify to CC A_OM_NEW – New Off Market Order A_OM_MOD – Off Market Order Modify A_TCNL – Trader Cancel	
requestStatus	String		Acpt - Accept CN - Cancel CCApp - CCApp P - Processing Rej - Reject SRej - SystemReject W - Wait	

4.8 Trade Book

Description:

This API is used to query the trade list the user can view

Usage: [https://\\$host/i/tradeBook](https://$host/i/tradeBook)

Protocol: POST

Request Message:

Field	Format	Optional	Description	Example
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Response Message:

Field	Format	Optional	Description	Example
trades	List		List of Trade	
exchangeId	String		Exchange Id of the order	
tradeRef	String		Reference id of the trade	
origOrderId	String		Order Id of the order	
seId	String		Stock Code	
orderSide	String		Order Side	
ccy	String		Stock Currency	
fillPrice	Double		Filled Price	

fillQty	Long		Filled Quantity	
fillTime	Datetime		Filled Time recorded at server	
exchFillTime	Datetime		Filled Time recorded at exchange	
clientId	String		Client Id	
accId	String		Account Id	
accType	String		Account Type	
cancel	String		Y/N	

4.9 Account Info

Description:

This API is used to query the account information of the clients he can access

Usage: [https://\\$host/i/accountInfo](https://$host/i/accountInfo)

Protocol: POST

Request Message:

Field	Format	Optional	Description	Example
clientId	String	Y	Target client id for account info retrieval, empty means ALL	

Response Message:

Field	Format	Optional	Description	Example
accounts	List		List of Accounts	
clientId	String		Client Id	
accId	String		Account Id	
accType	String		Account Type	
ccy	String		Account Currency	
depositAmt	Double		Deposited Amount	
currentBal	Double		Cash balance	
currentBalAdj	Double		Cash balance Adjustment	
purchasePower	Double		Purchasing power	
tradingLimit	Double		Trading Limit	
marketValue	Double		Market Value	
marginValue	Double	Y	Margin Value	
usedMargin	Double	Y	Used Margin Percentage	5 refer 5%
creditLimit	Double	Y	Margin Credit limit	
cashT0	Double		T0 value	
cashT1	Double		T1 value	
cashT2	Double		T2 value	
holdFund	Double		Hold Fund Amount	

*Latest information retrieval is only supported with a single client, the day begin balance would be sent instead when the queried client id is empty.

4.10 Portfolio

Description:

This API is used to query the account information of the clients he can access

Usage: [https://\\$host/i/portfolio](https://$host/i/portfolio)

Protocol: POST

Request Message:

Field	Format	Optional	Description	Example
clientId	String	Y	Target client id for portfolio retrieval, empty means ALL	
exchangeId	String	Y	Exchange Id of the stock	
secId	String	Y	Target stock code for portfolio retrieval, empty means ALL	

Response Message:

Field	Format	Optional	Description	Example
portfolios	List		List of Portfolios	
clientId	String		Client Id	
accId	String		Account Id	
accType	String		Account Type	
ccy	String		Account Currency	
exchangeId	String		Exchange Id of the Stock	
secId	String		Stock Code	
onHandQty	Long		Quantity on hand	
sellableQty	Long		Quantity sellable	
osBuyExchQty	Long		Outstanding Buy Quantity queued at Exchange	
osBuyPendQty	Long		Outstanding Buy Quantity queued at system	
osSellExchQty	Long		Outstanding Sell Quantity queued at Exchange	
osSellPendQty	Long		Outstanding Sell Quantity queued at system	

4.11 User Settings

Description:

This API is used to change the user settings

Usage: [https://\\$host/i/modSettings](https://$host/i/modSettings)

Protocol: POST

Request Message:

Field	Format	Optional	Description	Example
settings	Map		Key : Setting Id lang – Client language token - Device Token for push notification	

Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

4.12 Change Password

Description:

This method is used to change user password. Former session ID is required.

Usage: [https://\\$host/i/chpasswd](https://$host/i/chpasswd)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
oldPwd	String		Current password	
newPwd	String		New password	

Response Message:

Field	Format	Optional	Description	Example
returnCode	String		Return code of the request, 0 is Success.	
returnMsg	String		Additional description of the status if required (** Do not use this for display **)	

4.13 Order History

Description:

This method is used to query the order history of the client that the user can view

Usage: [https://\\$host/i/ordhist](https://$host/i/ordhist)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
searchDate	Date		Selected date of history	
clientId	String	Y		
exchangeld	String	Y		
seclld	String	Y		

page	Long		The page number to be queried	
pageSize	Long		The number of records per page	
sortCol	String	Y	Column Id 1- orderTime 2- secId 3- clientId 4- userId 5- orderSide 6- oddLot	
sortAsc	String	Y	Y/N	

Response Message:

Field	Format	Optional	Description	Example
totalPage	Long		Total number of page	
orders	List		List of Order	
exchangeId	String		Exchange Id of the order	
origOrderId	String		Order Id of the order	
secId	String		Stock Code	
orderSide	String		Order Side	
orderType	String		Order Type	
ccy	String		Stock Currency	
price	Double		Order Price	
qty	Long		Order Quantity	
fillQty	Long		Filled Quantity	
orderTime	Datetime		Order Time	
brokerComment	String		Free Text	
rejectReason	String		Reject information of the order	
Status	String		Order Status P – Processing Q – Queue Rej - Reject F – Fill CN – Cancel W – Wait WConfirm – Wait for confirm Exp – Expired SRej – SystemReject	
lastUpdateTime	Datetime		Last update time of the order	
clientId	String		Client Id	
accId	String		Account Id	
accType	String		Account Type	

4.14 Trade History

Description:

This method is used to query the trade history list the user can view

Usage: [https://\\$host/i/trhist](https://$host/i/trhist)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
searchDate	Date		Selected date of history	
clientId	String	Y		
exchangeId	String	Y		
secId	String	Y		
page	Long		The page number to be queried	
pageSize	Long		The number of records per page	
sortCol	String	Y	Column Id 1 - exchFillTime 2 - secId 3 - clientId 4 - userId 5 - orderSide	
sortAsc	String	Y	Y/N	

Response Message:

Field	Format	Optional	Description	Example
totalPage	Long		Total number of page	
trades	List		List of Trade	
exchangeId	String		Exchange Id of the order	
tradeRef	String		Reference id of the trade	
origOrderId	String		Order Id of the order	
secId	String		Stock Code	
orderSide	String		Order Side	
ccy	String		Stock Currency	
fillPrice	Double		Filled Price	
fillQty	Long		Filled Quantity	
fillTime	Datetime		Filled Time recorded at server	
exchFillTime	Datetime		Filled Time recorded at exchange	
clientId	String		Client Id	
accId	String		Account Id	
accType	String		Account Type	

4.15 Logout

Description:

This API is used to resume the former session when a new connection is made

Usage: [https://\\$host/i/logout](https://$host/i/logout)

Protocol: POST

Request Message:

Field	Format	Optional	Description	Example
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Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

4.16 Quote Login

Description:

This method is used to login to quote server within the user session

Usage: [https://\\$host/i/qlogin](https://$host/i/qlogin)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
lang	String		Multi-lang selection eng - English chn – Simplified Chinese chi – Traditional Chinese	

Response Message:

Field	Format	Optional	Description	Example
result	String		Returned login result in string format	

4.17 Exchange Rate

Description:

This method is used to query the exchange rate

Usage: [https://\\$host/i/exRate](https://$host/i/exRate)

Protocol: POST

Request Message:

Field	Format	Optional	Description	Example
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Response Message:

Field	Format	Optional	Description	Example
exRates	List		List of ExRate	
fromCcy	String		Source currency	USD
toCcy	String		Destination currency	HKD
exRate	Double		Exchange rate for exchange from fromCcy to toCcy i.e. fromCcy amount * exRate = toCcy amount	7.7572

4.18 Service Registration

Description:

This API is used to request service access to non-trading modules.

Usage: [https://\\$host/i/regAdmin](https://$host/i/regAdmin)

Protocol: POST

Request Message:

Field	Format	Optional	Description	Example
regCode	String		One time hash code generated from session Id	

Response Message:

Field	Format	Optional	Description	Example

4.19 IPO Book

Description:

This method is used to return the list of IPO

Usage: https://\$host/i/ipoBook

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
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Response Message:

Field	Format	Optional	Description	Example
currentIPOs	List		List of IPO	
dayFuture	Long		The number of day of records that the server return for future IPO	
futureIPOs	List		List of IPO	
ipold	String		Unique Id for ipo	
exchangeld	String		Exchange Id of the stock	
secId	String		Stock Code	
ccy	String		Stock Currency	
exRate	String		Rate to calculate amount with stock currency against HKD	
status	String		<u>Available values</u> A - Active P - Postponed	
createUserId	String		Create IPO User	
createTime	Datetime		Creation time	
approveStatus	String		<u>Available values</u> W - Wait P - P.App A - Approved	
approveUserId	String		<u>Approve IPO User</u>	
approveTime	Datetime		<u>Approval time</u>	
subStatus	String		<u>Allow subscription</u> Y - Yes N - No	
subStartTime	Datetime			
subCloseTime	Datetime			
subCutoff	String		<u>subscription cutoff</u> Y - Yes N - No	

version	Long		<u>IPO version</u>	
name	String		<u>Stock name in English</u>	
tcName	String		<u>Stock name in Traditional Chinese</u>	
scName	String		<u>Stock name in Simplified Chinese</u>	
totalShare	Long			
publicShare	Long			
offerPriceFrom	Double			
offerPriceTo	Double			
finalOfferPrice	Double			
offerStartTime	Datetime			
offerCloseTime	Datetime			
offerCutoff	String		<u>IPO cutoff</u> <u>Y – Yes</u> <u>N – No</u>	
lotSize	Long			
nominalCcy	String		<u>The currency of nominal value</u>	
nominalValue	Double			
priceFixDate	Datetime			
announceDate	Datetime			
estRefundDate	Datetime			
listingDate	Datetime			
marginStatus	String		<u>Available Values</u> <u>Y</u> <u>N</u>	
marginStartTime	Datetime			
marginCloseTime	Datetime			
marginCutoff	String		<u>Margin cutoff</u> <u>Y – Yes</u> <u>N - No</u>	
maxMarginRate	Double			
useMaxMargin	String			
calcMethod	Long			
commRate	Double			
icLevyRate	Double			
levyRate	Double			
tradeFeeRate	Double			
handlingFeeCcy	String			
handlingFee	Double			
finHandlingFee	Double			
clientIntDay	Long			
clientRebateRate	Double			
basicIntRate	Double			

prospectusURL	String			
tcProspectusURL	String			
scProspectusURL	String			
internalRemark	String			
externalRemark	String			
appQtyAmt	List		<u>List of qty vs amount table</u>	
appQty	Long			
appAmt	Double			
amtIntRate	List		<u>List of loan amount vs interest rate</u>	
loanAmt	Double			
intRate	Double			

4.20 IPO Request Book

Description:

This method is used to return the list of IPO request of the clients who belong to the login user

Usage: https://\$host/i/ipoReqBook

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
clientId		Y		

Response Message:

Field	Format	Optional	Description	Example
ipoRequests	List		List of IPO request	
reqId	String		Ref Id of ipo request	
ipoid	String		Unique Id for ipo	
finPoolId	String		Unique Id for Financial Pool	
userId	String		Request User Id	
clientId	String		The client that the request belongs to	
accId	String		Account Id	
accType	String		Account Type	
currency	String		Account currency	
reqExRate	Double		Exchange rate of the ipo when the request is created	
appQty	Long		Applied Quantity	
appAmt	Double		Applied Amount	
reqType	String		Cash or Margin subscription C - Cash M - Margin	
reqTime	Datetime		Request Time	

marginRate	Double		Margin Percentage	
depositAmt	Double		Deposit Amount	
holdFundAmt	Double		Hold Fund Amount	
loanAmt	Double		Loan Amount for margin subscription	
intRate	Double		Interest Rate for margin subscription	
intAmt	Double		Ref amount for interest	
clientRebateRate	Double		Client Rebate Rate	
remark	String		Remark of this request, may be generated from system	
status	String		Status of the request P - Processing C - Cancel A - Accept L - Alloted R - Reject	
reqholdFund	String		Required Hold Fund Available Values Y N	
allotedQty	Long			
refundAmt	Double			
outstandingAmt	Double			
lastActionId	String			

4.21 IPO Detail

Description:

This method is used to return the details of the requested IPO

Usage: [https://\\$host/i/ipoDetail](https://$host/i/ipoDetail)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
ipolds	List		List of IPO ids	

Response Message:

Field	Format	Optional	Description	Example
ipos	List		List of IPO	
ipold	String		Unique Id for ipo	
exchangeId	String		Exchange Id of the stock	
secd	String		Stock Code	
ccy	String		Stock Currency	

exRate	String		Rate to calculate amount with stock currency against HKD	
status	String		<u>Available values</u> New - New Mod - Mod A - Active P - Postponed D - Deleted	
createUserId	String		Create IPO User	
createTime	Datetime		Creation time	
approveStatus	String		<u>Available values</u> W - Wait P - P.App A - Approved	
approveUserId	String		<u>Approve IPO User</u>	
approveTime	Datetime		<u>Approval time</u>	
subStatus	String		<u>Allow subscription</u> Y - Yes N - No	
subStartTime	Datetime			
subCloseTime	Datetime			
subCutoff	String		<u>subscription cutoff</u> Y – Yes N - No	
version	Long		<u>IPO version</u>	
name	String		<u>Stock name in English</u>	
tcName	String		<u>Stock name in Traditional Chinese</u>	
scName	String		<u>Stock name in Simplified Chinese</u>	
totalShare	Long			
publicShare	Long			
offerPriceFrom	Double			
offerPriceTo	Double			
finalOfferPrice	Double			
offerStartTime	Datetime			
offerCloseTime	Datetime			
offerCutoff	String		<u>IPO cutoff</u> Y – Yes N – No	
lotSize	Long			
nominalCcy	String		<u>The currency of nominal value</u>	
nominalValue	Double			

priceFixDate	Datetime			
announceDate	Datetime			
estRefundDate	Datetime			
listingDate	Datetime			
marginStatus	String		<u>Available Values</u> Y N	
marginStartTime	Datetime			
marginCloseTime	Datetime			
marginCutoff	String		<u>Margin cutoff</u> Y – Yes N - No	
maxMarginRate	Double			
useMaxMargin	String			
calcMethod	Long			
commRate	Double			
icLevyRate	Double			
levyRate	Double			
tradeFeeRate	Double			
handlingFeeCcy	String			
handlingFee	Double			
finHandlingFee	Double			
clientIntDay	Long			
clientRebateRate	Double			
basicIntRate	Double			
prospectusURL	String			
tcProspectusURL	String			
scProspectusURL	String			
internalRemark	String			
externalRemark	String			
appQtyAmt	List		<u>List of qty vs amount table</u>	
appQty	Long			
appAmt	Double			
amtIntRate	List		<u>List of loan amount vs interest rate</u>	
loanAmt	Double			
intRate	Double			

4.22 IPO Request Detail

Description:

This method is used to return the details of the requested IPO request

Usage: https://\$host/i/ipoReqDetail
Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
reqIds	List		List of IPO request ids	

Response Message:

Field	Format	Optional	Description	Example
ipoRequests	List		List of IPO request	
reqId	String		Ref Id of ipo request	
ipoid	String		Unique Id for ipo	
finPoolId	String		Unique Id for Financial Pool	
userId	String		Request User Id	
clientId	String		The client that the request belongs to	
accId	String		Account Id	
accType	String		Account Type	
currency	String		Account currency	
reqExRate	Double		Exchange rate of the ipo when the request is created	
appQty	Long		Applied Quantity	
appAmt	Double		Applied Amount	
reqType	String		Cash or Margin subscription C - Cash M - Margin	
reqTime	Datetime		Request Time	
marginRate	Double		Margin Percentage	
depositAmt	Double		Deposit Amount	
holdFundAmt	Double		Hold Fund Amount	
loanAmt	Double		Loan Amount for margin subscription	
intRate	Double		Interest Rate for margin subscription	
intAmt	Double		Ref amount for interest	
clientRebateRate	Double		Client Rebate Rate	
remark	String		Remark of this request, may be generated from system	
status	String		Status of the request P - Processing C - Cancel A - Accept L - Alloted R - Reject	
reqholdFund	String		Required Hold Fund	

			Available Values Y N	
allotedQty	Long			
refundAmt	Double			
outstandingAmt	Double			
lastActionId	String			

4.23 Export IPO Master

Description:

This method is used to return the list of current and future IPO

Usage: https://\$host/i/expIPO

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
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Response Message:

Field	Format	Optional	Description	Example
ipos	List		List of IPO	
ipold	String		Unique Id for ipo	
exchangeld	String		Exchange Id of the stock	
seclId	String		Stock Code	
ccy	String		Stock Currency	
exRate	String		Rate to calculate amount with stock currency against HKD	
status	String		Available values New - New Mod - Mod A - Active P - Postponed D - Deleted	
createUserId	String		Create IPO User	
createTime	Datetime		Creation time	
approveStatus	String		Available values W - Wait P - P.App A - Approved	
approveUserId	String		Approve IPO User	
approveTime	Datetime		Approval time	
subStatus	String		Allow subscription	

			<u>Y - Yes</u> <u>N - No</u>	
subStartTime	Datetime			
subCloseTime	Datetime			
subCutoff	String		<u>subscription cutoff</u> <u>Y - Yes</u> <u>N - No</u>	
version	Long		<u>IPO version</u>	
name	String		<u>Stock name in English</u>	
tcName	String		<u>Stock name in Traditional Chinese</u>	
scName	String		<u>Stock name in Simplified Chinese</u>	
totalShare	Long			
publicShare	Long			
offerPriceFrom	Double			
offerPriceTo	Double			
offerStartTime	Datetime			
offerCloseTime	Datetime			
offerCutoff	String		<u>IPO cutoff</u> <u>Y - Yes</u> <u>N - No</u>	
lotSize	Long			
nominalCcy	String		<u>The currency of nominal value</u>	
nominalValue	Double			
priceFixDate	Datetime			
announceDate	Datetime			
estRefundDate	Datetime			
listingDate	Datetime			
marginStatus	String		<u>Available Values</u> <u>Y</u> <u>N</u>	
marginStartTime	Datetime			
marginCloseTime	Datetime			
marginCutoff	String		<u>Margin cutoff</u> <u>Y - Yes</u> <u>N - No</u>	
maxMarginRate	Double			
useMaxMargin	String			
calcMethod	Long			
commRate	Double			
icLevyRate	Double			
levyRate	Double			

tradeFeeRate	Double			
handlingFeeCcy	String			
handlingFee	Double			
finHandlingFee	Double			
clientIntDay	Long			
clientRebateRate	Double			
basicIntRate	Double			
prospectusURL	String			
tcProspectusURL	String			
scProspectusURL	String			
internalRemark	String			
externalRemark	String			
appQtyAmt	List		<u>List of qty vs amount table</u>	
appQty	Long			
appAmt	Double			
amtIntRate	List		<u>List of loan amount vs interest rate</u>	
loanAmt	Double			
intRate	Double			

4.24 Export IPO Request

Description:

This method is used to return all the processing request

Usage: https://\$host/i/expIPOReq

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
cashOnly	String		<u>Query cash subscription only</u> Y – Yes N - No	

Response Message:

Field	Format	Optional	Description	Example
ipoRequests	List		List of IPO request	
reqId	String		Ref Id of ipo request	
ipoid	String		Unique Id for ipo	
finPoolId	String		Unique Id for Financial Pool	
userId	String		Request User Id	
clientId	String		The client that the request belongs to	
acclId	String		Account Id	

accType	String		Account Type	
currency	String		Account currency	
reqExRate	Double		Exchange rate of the ipo when the request is created	
appQty	Long		Applied Quantity	
appAmt	Double		Applied Amount	
reqType	String		Cash or Margin subscription C - Cash M - Margin	
reqTime	Datetime		Request Time	
marginRate	Double		Margin Percentage	
depositAmt	Double		Deposit Amount	
holdFundAmt	Double		Hold Fund Amount	
loanAmt	Double		Loan Amount for margin subscription	
intRate	Double		Interest Rate for margin subscription	
intAmt	Double		Ref amount for interest	
clientRebateRate	Double		Client Rebate Rate	
remark	String		Remark of this request, may be generated from system	
status	String		Status of the request P - Processing C - Cancel A - Accept L - Alloted R - Reject	
reqholdFund	String		Required Hold Fund Available Values Y N	
allotedQty	Long			
refundAmt	Double			
outstandingAmt	Double			
lastActionId	String			

4.25 IPO History

Description:

This method is used to return the list of Historical IPO

Usage: [https://\\$host/i/ipoHist](https://$host/i/ipoHist)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
dayFrom	Long		The day prior today to search history from, if it is 10, server will return the period of history start from today - 10 days	

Response Message:

Field	Format	Optional	Description	Example
dayFrom	Long		The input search day	
dayHist	Long		Number of days of history this response included	
pastIPOs	List		List of IPO	
ipold	String		Unique Id for ipo	
exchangeld	String		Exchange Id of the stock	
seclld	String		Stock Code	
ccy	String		Stock Currency	
exRate	String		Rate to calculate amount with stock currency against HKD	
status	String		Available values New - New Mod - Mod A - Active P - Postponed D - Deleted	
createUserId	String		Create IPO User	
createTime	Datetime		Creation time	
approveStatus	String		Available values W - Wait P - P.App A - Approved	
approveUserId	String		Approve IPO User	
approveTime	Datetime		Approval time	
subStatus	String		Allow subscription Y - Yes N - No	
subStartTime	Datetime			
subCloseTime	Datetime			
subCutoff	String		subscription cutoff Y - Yes N - No	
version	Long		IPO version	
name	String		Stock name in English	
tcName	String		Stock name in Traditional Chinese	
scName	String		Stock name in Simplified Chinese	

totalShare	Long			
publicShare	Long			
offerPriceFrom	Double			
offerPriceTo	Double			
finalOfferPrice	Double			
offerStartTime	Datetime			
offerCloseTime	Datetime			
offerCutoff	String		<u>IPO cutoff</u> <u>Y – Yes</u> <u>N – No</u>	
lotSize	Long			
nominalCcy	String		<u>The currency of nominal value</u>	
nominalValue	Double			
priceFixDate	Datetime			
announceDate	Datetime			
estRefundDate	Datetime			
listingDate	Datetime			
marginStatus	String		<u>Available Values</u> <u>Y</u> <u>N</u>	
marginStartTime	Datetime			
marginCloseTime	Datetime			
marginCutoff	String		<u>Margin cutoff</u> <u>Y – Yes</u> <u>N - No</u>	
maxMarginRate	Double			
useMaxMargin	String			
calcMethod	Long			
commRate	Double			
icLevyRate	Double			
levyRate	Double			
tradeFeeRate	Double			
handlingFeeCcy	String			
handlingFee	Double			
finHandlingFee	Double			
clientIntDay	Long			
clientRebateRate	Double			
basicIntRate	Double			
prospectusURL	String			
tcProspectusURL	String			
scProspectusURL	String			
internalRemark	String			

externalRemark	String			
appQtyAmt	List		List of qty vs amount table	
appQty	Long			
appAmt	Double			
amtIntRate	List		List of loan amount vs interest rate	
loanAmt	Double			
intRate	Double			

4.26 IPO Request History

Description:

This method is used to return the list of IPO request history of the clients who belong to the login user

Usage: [https://\\$host/i/ipoReqHist](https://$host/i/ipoReqHist)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
dayFrom	Long		The day prior today to search history from, if it is 10, server will return the period of history start from today - 10 days	
clientId		Y		

Response Message:

Field	Format	Optional	Description	Example
dayFrom	Long		The input search day	
dayHist	Long		Number of days of history this response included	
ipoRequests	List		List of IPO request	
reqId	String		Ref Id of ipo request	
ipold	String		Unique Id for ipo	
finPoolId	String		Unique Id for Financial Pool	
userId	String		Request User Id	
clientId	String		The client that the request belongs to	
accId	String		Account Id	
accType	String		Account Type	
currency	String		Account currency	
reqExRate	Double		Exchange rate of the ipo when the request is created	
appQty	Long		Applied Quantity	
appAmt	Double		Applied Amount	
reqType	String		Cash or Margin subscription C - Cash M - Margin	

reqTime	Datetime		Request Time	
marginRate	Double		Margin Percentage	
depositAmt	Double		Deposit Amount	
holdFundAmt	Double		Hold Fund Amount	
loanAmt	Double		Loan Amount for margin subscription	
intRate	Double		Interest Rate for margin subscription	
intAmt	Double		Ref amount for interest	
clientRebateRate	Double		Client Rebate Rate	
remark	String		Remark of this request, may be generated from system	
status	String		Status of the request P - Processing C - Cancel A - Accept L - Alloted R - Reject	
reqholdFund	String		Required Hold Fund Available Values Y N	
allotedQty	Long			
refundAmt	Double			
outstandingAmt	Double			
lastActionId	String			

4.27 IPO History Detail

Description:

This method is used to return the details of the requested historical IPO

Usage: [https://\\$host/i/ipoHistDetail](https://$host/i/ipoHistDetail)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
ipolds	List		List of IPO ids	

Response Message:

Field	Format	Optional	Description	Example
ipos	List		List of IPO	
ipold	String		Unique Id for ipo	
exchangeld	String		Exchange Id of the stock	
secd	String		Stock Code	

ccy	String		Stock Currency	
exRate	String		Rate to calculate amount with stock currency against HKD	
status	String		<u>Available values</u> New - New Mod - Mod A - Active P - Postponed D - Deleted	
createUserId	String		Create IPO User	
createTime	Datetime		Creation time	
approveStatus	String		<u>Available values</u> W - Wait P - P.App A - Approved	
approveUserId	String		<u>Approve IPO User</u>	
approveTime	Datetime		<u>Approval time</u>	
subStatus	String		<u>Allow subscription</u> Y - Yes N - No	
subStartTime	Datetime			
subCloseTime	Datetime			
subCutoff	String		<u>subscription cutoff</u> Y – Yes N - No	
version	Long		<u>IPO version</u>	
name	String		<u>Stock name in English</u>	
tcName	String		<u>Stock name in Traditional Chinese</u>	
scName	String		<u>Stock name in Simplified Chinese</u>	
totalShare	Long			
publicShare	Long			
offerPriceFrom	Double			
offerPriceTo	Double			
finalOfferPrice	Double			
offerStartTime	Datetime			
offerCloseTime	Datetime			
offerCutoff	String		<u>IPO cutoff</u> Y – Yes N – No	
lotSize	Long			
nominalCcy	String		<u>The currency of nominal value</u>	

nominalValue	Double			
priceFixDate	Datetime			
announceDate	Datetime			
estRefundDate	Datetime			
listingDate	Datetime			
marginStatus	String		<u>Available Values</u> Y N	
marginStartTime	Datetime			
marginCloseTime	Datetime			
marginCutoff	String		<u>Margin cutoff</u> Y – Yes N - No	
maxMarginRate	Double			
useMaxMargin	String			
calcMethod	Long			
commRate	Double			
icLevyRate	Double			
levyRate	Double			
tradeFeeRate	Double			
handlingFeeCcy	String			
handlingFee	Double			
finHandlingFee	Double			
clientIntDay	Long			
clientRebateRate	Double			
basicIntRate	Double			
prospectusURL	String			
tcProspectusURL	String			
scProspectusURL	String			
internalRemark	String			
externalRemark	String			
appQtyAmt	List		<u>List of qty vs amount table</u>	
appQty	Long			
appAmt	Double			
amtIntRate	List		<u>List of loan amount vs interest rate</u>	
loanAmt	Double			
intRate	Double			

4.28 IPO Request History Detail

Description:

This method is used to return the details of the requested IPO request history

Usage: https://\$host/i/ipoReqHistDetail

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
reqIds	List		List of IPO request ids	

Response Message:

Field	Format	Optional	Description	Example
ipoRequests	List		List of IPO request	
reqId	String		Ref Id of ipo request	
ipoid	String		Unique Id for ipo	
finPoolId	String		Unique Id for Financial Pool	
userId	String		Request User Id	
clientId	String		The client that the request belongs to	
accId	String		Account Id	
accType	String		Account Type	
currency	String		Account currency	
reqExRate	Double		Exchange rate of the ipo when the request is created	
appQty	Long		Applied Quantity	
appAmt	Double		Applied Amount	
reqType	String		Cash or Margin subscription C - Cash M - Margin	
reqTime	Datetime		Request Time	
marginRate	Double		Margin Percentage	
depositAmt	Double		Deposit Amount	
holdFundAmt	Double		Hold Fund Amount	
loanAmt	Double		Loan Amount for margin subscription	
intRate	Double		Interest Rate for margin subscription	
intAmt	Double		Ref amount for interest	
clientRebateRate	Double		Client Rebate Rate	
remark	String		Remark of this request, may be generated from system	
status	String		Status of the request P - Processing C - Cancel A - Accept L - Alloted R - Reject	

reqholdFund	String		Required Hold Fund Available Values Y N	
allotedQty	Long			
refundAmt	Double			
outstandingAmt	Double			
lastActionId	String			

4.29 IPO Disclaimer

Description:

This method is used to record when login user accept the disclaimer

Usage: [https://\\$host/i/ipoDisclaimer](https://$host/i/ipoDisclaimer)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
ipold	String		The IPO that user is going to subscribe	
clientId	String		The client that login user is going to subscribe IPO for	

Response Message:

Field	Format	Optional	Description	Example
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4.30 Subscribe IPO

Description:

This method is used to subscribe IPO

Usage: [https://\\$host/i/subscribeIPO](https://$host/i/subscribeIPO)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
ipold	String		The IPO that user is going to subscribe	
version				
clientId				
accId				
accType				
appQty				
reqType			Cash or Margin subscription	

			C - Cash M - Margin	
marginRate				

Response Message:

Field	Format	Optional	Description	Example
reqId	String		IPO request Id	

4.31 Cancel IPO

Description:

This method is used to cancel IPO

Usage: https://\$host/i/cancelIPO

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
reqId	String		IPO request Id	

Response Message:

Field	Format	Optional	Description	Example
reqId	String		IPO request Id	

4.32 Get System Parameter List (TBC)

Description:

This method is used to retrieve the list of system parameter

Usage: https://\$host/i/getSysParams

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
paramIds	List	Y	The parameter Ids	

Response Message:

Field	Format	Optional	Description	Example
paramId	String		Parameter Id	

4.33 RejectIPO

Description:

This method is used for AE to reject client IPO

Usage: https://\$host/i/rejectIPO
Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
reqIds	List		List of Request Ids	

Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

4.34 Admin IPO Book

Description:

This method is used to return the list of IPO for admin from staging table

Usage: https://\$host/i/adminIPOBook
Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
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Response Message:

Field	Format	Optional	Description	Example
currentIPOs	List		List of IPO	
dayFuture	Long		The number of day of records that the server return for future IPO	
futureIPOs	List		List of IPO	
ipold	String		Unique Id for ipo	
exchangeld	String		Exchange Id of the stock	
seclld	String		Stock Code	
ccy	String		Stock Currency	
exRate	String		Rate to calculate amount with stock currency against HKD	
status	String		<u>Available values</u> New - New Mod - Mod A - Active P - Postponed D - Deleted	
createUserId	String		Create IPO User	
createTime	Datetime		Creation time	
approveStatus	String		<u>Available values</u> W - Wait	

			P - P.App A - Approved	
approveUserId	String		<u>Approve IPO User</u>	
approveTime	Datetime		<u>Approval time</u>	
subStatus	String		<u>Allow subscription</u> Y - Yes N - No	
subStartTime	Datetime			
subCloseTime	Datetime			
subCutoff	String		<u>subscription cutoff</u> Y - Yes N - No	
version	Long		<u>IPO version</u>	
name	String		<u>Stock name in English</u>	
tcName	String		<u>Stock name in Traditional Chinese</u>	
scName	String		<u>Stock name in Simplified Chinese</u>	
totalShare	Long			
publicShare	Long			
offerPriceFrom	Double			
offerPriceTo	Double			
finalOfferPrice	Double			
offerStartTime	Datetime			
offerCloseTime	Datetime			
offerCutoff	String		<u>IPO cutoff</u> Y - Yes N - No	
lotSize	Long			
nominalCcy	String		<u>The currency of nominal value</u>	
nominalValue	Double			
priceFixDate	Datetime			
announceDate	Datetime			
estRefundDate	Datetime			
listingDate	Datetime			
marginStatus	String		<u>Available Values</u> Y N	
marginStartTime	Datetime			
marginCloseTime	Datetime			
marginCutoff	String		<u>Margin cutoff</u> Y - Yes N - No	
maxMarginRate	Double			
useMaxMargin	String			

calcMethod	Long			
commRate	Double			
icLevyRate	Double			
levyRate	Double			
tradeFeeRate	Double			
handlingFeeCcy	String			
handlingFee	Double			
finHandlingFee	Double			
clientIntDay	Long			
clientRebateRate	Double			
basicIntRate	Double			
prospectusURL	String			
tcProspectusURL	String			
scProspectusURL	String			
internalRemark	String			
externalRemark	String			
appQtyAmt	List		<u>List of qty vs amount table</u>	
appQty	Long			
appAmt	Double			
amtIntRate	List		<u>List of loan amount vs interest rate</u>	
loanAmt	Double			
intRate	Double			

4.35 Create IPO

Description:

This method is used to create IPO

Usage: [https://\\$host/i/createIPO](https://$host/i/createIPO)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
secId	String		Stock Code	
ccy	String		Stock Currency	
exRate	String		Rate to calculate amount with stock currency against HKD	
subStatus	String		<u>Allow subscription</u> Y - Yes N - No	
subStartTime	Datetime			
subCloseTime	Datetime			

subCutoff	String		<u>subscription cutoff</u> <u>Y – Yes</u> <u>N – No</u>	
name	String		<u>Stock name in English</u>	
tcName	String		<u>Stock name in Traditional Chinese</u>	
scName	String		<u>Stock name in Simplified Chinese</u>	
totalShare	Long			
publicShare	Long			
offerPriceFrom	Double			
offerPriceTo	Double			
offerStartTime	Datetime			
offerCloseTime	Datetime			
offerCutoff	String		<u>IPO cutoff</u> <u>Y – Yes</u> <u>N – No</u>	
lotSize	Long			
nominalCcy	String		<u>The currency of nominal value</u>	
nominalValue	Double			
priceFixDate	Datetime			
announceDate	Datetime			
estRefundDate	Datetime			
listingDate	Datetime			
marginStatus	String		<u>Available Values</u> <u>Y</u> <u>N</u>	
marginStartTime	Datetime			
marginCloseTime	Datetime			
marginCutoff	String		<u>Margin cutoff</u> <u>Y – Yes</u> <u>N – No</u>	
maxMarginRate	Double			
useMaxMargin	String			
calcMethod	Long			
commRate	Double			
icLevyRate	Double			
levyRate	Double			
tradeFeeRate	Double			
handlingFeeCcy	String			
handlingFee	Double			
finHandlingFee	Double			
clientIntDay	Long			
clientRebateRate	Double			
basicIntRate	Double			

prospectusURL	String			
tcProspectusURL	String			
scProspectusURL	String			
internalRemark	String			
externalRemark	String			
appQtyAmt	List		<u>List of qty vs amount table</u>	
appQty	Long			
appAmt	Double			
amtIntRate	List		<u>List of loan amount vs interest rate</u>	
loanAmt	Double			
intRate	Double			
submitType	String		Available Values Save – Save Only Submit – Save And Submit	

Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

4.36 Modify IPO

Description:

This method is used to modify IPO

Usage: https://\$host/i/modifyIPO

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
ipold	String		Unique Id for ipo	
ccy	String		Stock Currency	
exRate	String		Rate to calculate amount with stock currency against HKD	
subStatus	String		<u>Allow subscription</u> Y - Yes N - No	
subStartTime	Datetime			
subCloseTime	Datetime			
subCutoff	String		<u>subscription cutoff</u> Y – Yes N - No	
version	Long		<u>IPO version</u>	
name	String		<u>Stock name in English</u>	

tcName	String		<u>Stock name in Traditional Chinese</u>	
scName	String		<u>Stock name in Simplified Chinese</u>	
totalShare	Long			
publicShare	Long			
offerPriceFrom	Double			
offerPriceTo	Double			
offerStartTime	Datetime			
offerCloseTime	Datetime			
offerCutoff	String		<u>IPO cutoff</u> <u>Y – Yes</u> <u>N – No</u>	
lotSize	Long			
nominalCcy	String		<u>The currency of nominal value</u>	
nominalValue	Double			
priceFixDate	Datetime			
announceDate	Datetime			
estRefundDate	Datetime			
listingDate	Datetime			
marginStatus	String		<u>Available Values</u> <u>Y</u> <u>N</u>	
marginStartTime	Datetime			
marginCloseTime	Datetime			
marginCutoff	String		<u>Margin cutoff</u> <u>Y – Yes</u> <u>N – No</u>	
maxMarginRate	Double			
useMaxMargin	String			
calcMethod	Long			
commRate	Double			
icLevyRate	Double			
levyRate	Double			
tradeFeeRate	Double			
handlingFeeCcy	String			
handlingFee	Double			
finHandlingFee	Double			
clientIntDay	Long			
clientRebateRate	Double			
basicIntRate	Double			
prospectusURL	String			
tcProspectusURL	String			
scProspectusURL	String			

internalRemark	String			
externalRemark	String			
appQtyAmt	List		<u>List of qty vs amount table</u>	
appQty	Long			
appAmt	Double			
amtIntRate	List		<u>List of loan amount vs interest rate</u>	
loanAmt	Double			
intRate	Double			
submitType	String		<u>Available Values</u> <u>Save – Save Only</u> <u>Submit – Save And Submit</u>	

Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

4.37 Delete IPO

Description:

This method is used to delete IPO

Usage: https://\$host/i/deleteIPO

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
ipold	String		Unique Id for ipo	
version	Long		<u>IPO version</u>	

Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

4.38 Postpone IPO

Description:

This method is used to postpone IPO

Usage: https://\$host/i/postpone IPO

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
ipold	String		Unique Id for ipo	

version	Long		<u>IPO version</u>	
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Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

4.39 IPO Approval

Description:

This method is used to for approver to approve/reject the IPO

Usage: https://\$host/i/ ipoApproval

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
ipold	String		Unique Id for ipo	
version	Long		<u>IPO version</u>	
approvalStatus	String		<u>Available Values</u> <u>Y</u> <u>N</u>	

Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

4.40 Create Financing Pool

Description:

This method is used to create financing pool

Usage: https://\$host/i/createFinPool

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
poolName	String			
ipold	String		Unique Id for ipo	
ccy	String		Stock Currency	
poolStatus	String		<u>Allow subscription</u> <u>Y - Yes</u> <u>N - No</u>	

version	Long		<u>IPO version</u>	
startDate	Datetime			
endDate	Datetime			
totalValue	Double		<u>Total pool value</u>	
usedValue	Double		<u>Used pool value</u>	
bankRef	String			
priority	Integer		<u>Priority of the Pool</u>	
internalRemark	String			

Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

4.41 Modify Financing Pool

Description:

This method is used to modify financing pool

Usage: [https://\\$host/i/modifyFinPool](https://$host/i/modifyFinPool)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
poolId	String		Unique Id for pool	
poolName	String			
ccy	String		Stock Currency	
poolStatus	String		<u>Allow subscription</u> <u>Y - Yes</u> <u>N - No</u>	
version	Long		<u>IPO version</u>	
startDate	Datetime			
endDate	Datetime			
totalValue	Double		<u>Total pool value</u>	
usedValue	Double		<u>Used pool value</u>	
bankRef	String			
priority	Integer		<u>Priority of the Pool</u>	
internalRemark	String			

Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

4.42 Delete Financing Pool

Description:

This method is used to delete financing pool

Usage: https://\$host/i/deleteFinPool

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
poolId	String		Unique Id for pool	
version	Long		<u>IPO version</u>	

Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

4.43 Financing pool Approval

Description:

This method is used to for approver to approve/reject the financing pool

Usage: https://\$host/i/finPoolApproval

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
poolId	String		Unique Id for pool	
version	Long		<u>IPO version</u>	
approvalStatus	String		<u>Available Values</u> <u>Y</u> <u>N</u>	

Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

4.44 Import IPO Cutoff

Description:

This method is used to update the status of requested IPO request to Accepted

Usage: [https://\\$host/i/impIPOCutoff](https://$host/i/impIPOCutoff)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
ipoRequests	List		List of IPO request	
reqId	String		Ref Id of ipo request	
total	Long		Total number of cutoff records	
final	String		<u>Specify this is the final message</u> Y - Yes N - No	

Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

4.45 Import IPO Allotments

Description:

This method is used to update the allotted quantity of the requested IPO request

Usage: [https://\\$host/i/impIPOAllot](https://$host/i/impIPOAllot)

Protocol: POST

Request Message:

Param Id	Format	Optional	Description	Example
ipoRequests	List		List of IPO request	
reqId	String		Ref Id of ipo request	
allotedQty	Long			
total	Long		Total number of allotments records	
final	String		<u>Specify this is the final message</u> Y - Yes N - No	

Response Message:

Field	Format	Optional	Description	Example
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*Only return code and message would be returned.

5 Error Codes

Code	Description	Remarks
General		
-1	General Error	
-2	Message format error	
-3	Session expired	
-4	Server components are not ready, login is not allowed	
-5	Server components are not ready, trading is not allowed	
-6	Unauthorized operation	
Login		
1	Invalid user id / password	
2	User is suspended	
3	Unknown error	
5	Password is expired	
6	Has new version, ready to upgrade	
7	Has new version, force upgrade	
8	User is not allowed to use this channel	
9	Doing daycut, login not allowed	
Force Logout		
1	Force logout by server	
2	Duplicated login	
Change Password		
1	Unknown Error	
2	The old password is incorrect	
3	The new password has been used formerly	
4	Invalid new password format	
5	The new password cannot be the same as the old password	
New Order		
-100	Consideration Warning	
Modify Order		
-100	Consideration Warning	
IPO Subscription		
IPO00200	IPO not found	
IPO00201	IPO has been modified, please try again	

IPO00202	IPO is not available for subscription	
IPO00203	Subscription period is ended	
IPO00204	Invalid application quantity	
IPO00205	Client has subscribed the IPO already	
IPO00206	Invalid margin rate	
IPO00207	The ipo only allow subscription with maximum margin rate	
IPO00208	The ipo only allow cash subscription	
IPO00209	The IPO financing limit has been exceeded	
IPO00210	The IPO is postponed	
IPO00211	The loan amount is greater than the max. loan amount	
IPO00212	Financing Subscription cannot be cancelled	
IPO00213	Invalid IPO status for cancellation	
IPO00214	IPOHasBeenDeleted	
IPO00215	IPOAlreadyExists	