BSE StAR-Web Services Message Structures

18th Jan 2018

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BSE StAR-MF Web Services Structures (Rev 1.7)

Introduction

BSE StAR MF Mutual Fund Platform provides Web Services based Order routing services and Additional Services for all Mutual Fund Intermediaries (MFIs)/Mutual Fund Distributors (MFDs) using third party vendor solutions and/or in-house developed trading applications over the Internet

The WEB SERVICE API is an XML based service using SOAP.

The Web Service through which order entry and response can be facilitated is available at.

http://bsestarmfdemo.bseindia.com/MFOrderEntry/MFOrder.svc

This Document contains Message Structures for

1) Login Entry
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MUTUAL FUND ORDER ENTRY REQUEST AND RESPONSE SERVICES MESSAGE STRUCTURE

WEB SERVICE LOGIN MESSAGE STRUCTURE

Web Service Authentication Request

The Method used for order Entry is `getPassword`

Parameter Name	Type	Length	Description	Sample Values	Mandatory
User ID	Varchar	5	Login ID for Web Service	0123	mandatory
Password	Varchar	20	Password for the Login ID	mf@abc	mandatory
Pass Key	Varchar	10	Random Alphanumeric code (no special characters	abcdef1234	mandatory

Web Service Authentication Request Response

The Method used for order Entry is `getPasswordResponse`

Response	Type	Length	description/values	sample values
Response Code	Varchar	3	Request Response	100-Success / 101 Invalid
Password (Encrypted)	Varchar	250	Encrypted password	

Additional Details

1. Member has to be Authenticated before sending any messages
2. Pass Key Validity can be Time based or One Time.
3. Member will have to enter the Web Service ID and password provided to them with a pass key (Alpha numeric with no special characters) each time they login.
4. Pass key can be different each time they login
5. Once user provides all the above / required details and submits it the Exchange, a response code will be sent to the member.
6. If the login is successful then response code "100" will be sent and also an encrypted password will be sent to the member.
7. If the login is not successful then response code "101" will be sent.
8. This encrypted password will be unique each time the member logins into BSE web service.
9. Member has to use this encrypted password whenever they punches the order.

Web Service Authentication Error

ERROR MESSAGES	DESCRIPTION
USER ID SHOULD NOT BE BLANK	Blank value in user Id field
MEMBER ID SHOULD NOT BE BLANK	Blank value in member Id field
PASSWORD SHOULD NOT BE BLANK	Blank value in password field
PASSKEY SHOULD NOT BE BLANK	Blank value in passkey field
USER IS DISABLED. CONTACT ADMIN	User is blocked or disabled
YOU HAVE EXCEEDED MAXIMUM LOGIN ATTEMPTS. CONTACT ADMIN	User has entered wrong password more than 5 times
INVALID ACCOUNT INFORMATION	Incorrect Login details
INVALID USER ID	Incorrect Login ID
THE MEMBER IS SUSPENDED. CONTACT ADMIN	when the given member is blocked or inactive
THE BRANCH IS SUSPENDED. CONTACT ADMIN	when the given member branch is blocked or inactive]
ACCESS TEMPORARILY SUSPENDED. KINDLY BEAR WITH US	when forced login is "YES"
PASSWORD EXPIRED	when the user password has expired
USER NOT EXISTS	when user doesn't pass proper login details

ORDER ENTRY MESSAGE STRUCTURE

Web Service Order Entry Request

The Method used for order Entry is `orderEntryParam`

Parameter Name	Type	Length	Description	Sample Values	Mandatory
Transaction code	varchar	3	Order : New/ Modification/ Cancellation	NEW/MOD/CXL	mandatory
Unique reference number	varchar	19	Unique reference number from the member. Number can be incremental for each order(000001, 000002,....). The number will be reset the next day.	YYYYMMDD<usercode> 000001	mandatory
OrderId	bigint	8	BSE unique order number, for new order this field will be blank and incase of modification and cancellation the order number has to be given		non mandatory/ mandatory
UserID	bigint	5	User ID as given by BSE		mandatory
MemberId	varchar	20	Member code as given by BSE		mandatory
ClientCode	varchar	20	Client Code		mandatory
SchemeCd	varchar	20	BSE scheme code		mandatory
BuySell	varchar	1	Type of transaction i.e. Purchase or Redemption	P/R	mandatory
BuySellType	varchar	10	Buy/Sell type i.e. fresh or additional	FRESH/ADDITIONAL	mandatory
DPTxn	varchar	10	CDSL/NSDL/PHYSICAL	C/N/P	mandatory
AMOUNT	money	14	Purchase/Redemption amount(redemption amount only incase of physical redemption)		either amount or qty
Qty	money	8	Redemption quantity		either amount or qty

AllRedeem	varchar	1	All units flag, If this Flag is"Y" then units and amount column should be blank	Y/N	mandatory
FolioNo	varchar	20	Incase demat transaction this field will be blank and mandatory in case of physical redemption and physical purchase+additional		
Remarks	varchar	255			non mandatory
KYCStatus	varchar	1	KYC status of client	Y/N	mandatory
RefNo	varchar	20	Internal referance number		non mandatory
SubBrCode	varchar	15	Sub Broker code		non mandatory
EUIN	varchar	20	EUIN number		mandatory
EUIN flag	varchar	1	EUIN decleration	Y/N	mandatory
MinRedeem	varchar	1	Minimum redemption flag	Y/N	mandatory
DPC	varchar	1	DPC flag for purchase transactions	Y/N	mandatory
IPAdd	varchar	20			
Password	varchar	250	Encrypted password		mandatory
Pass Key	varchar	10			mandatory
Param1 (Sub Broker ARN)	varchar	20	Filler 1 Will Be Used As Sub Broker ARN Code		non mandatory
Param2	varchar	10			
Param3	varchar	10			

Web Service Order Entry Request Response

The Method used for order Entry is `orderEntryParamResponse`

Parameter Name	Type	Length	Description	Sample values
Transaction code	varchar	3	Transaction Code as given in the request	
Unique Reference number	varchar	19	Unique reference number as given in the request	YYYYMMDD<usercode>000001
Order number	bigint	8	BSE order number will be given in this field	
UserID	bigint	5	User ID as given by BSE	
MemberId	varchar	20	Member code as given by BSE	
ClientCode	varchar	20	Client Code	
BSE remarks	varchar	1000	Bse Response Return remarks	
Success flag	varchar	1	Order success flag	

SIP MESSAGE STRUCTURE

Web Service SIP Request
The Method used for SIP Request is `sipOrderEntryParam`

Parameter Name	Type	Length	Description	Sample values	Mandatory
Transaction code	varchar	3	New SIP or Cancellation of SIP	NEW/CXL	mandatory
Unique reference number	varchar	19	Unique reference number from the member. Number can be incremental for each order(000001, 000002,….). The number will be reset the next day.	YYYYMMDD<usercode> 000001	mandatory
SchemeCd	varchar	20	BSE scheme code		mandatory
MemberId	varchar	20	BSE member code		mandatory
ClientCode	varchar	20	BSE client code		mandatory
UserId	bigint	5	user id		mandatory
INTERNALREFNO	varchar	10	internal referance number		non - mandatory
TRANSMODE	varchar	2	demat or physical	D/P	mandatory
DP TRANSACTION MODE	char	1	CDSL/NSDL/PHYSICAL	C/N/P	mandatory
START DATE	varchar	10	start date of the SIP	DD/MM/YYYY	mandatory
FREQUENCY TYPE	varchar	20	type of frequency	MONTHLY/QUARTERLY/ WEEKLY	mandatory
frequency allowed	int	1	rolling frequency	1	mandatory
INSTALLMENT AMOUNT	int	8	installment amount		mandatory
NO OF INSTALLMENTS	int	4	number of installments		mandatory

REMARKS	varchar	100			non - mandatory
FOLIO NO	varchar	20	mandatory incase of physical SIP		
FIRSTORDERFLAG	char	1	first order today flag	Y/N	mandatory
SUBBRCODE	varchar	15	sub broker code		non - mandatory
EUIN	varchar	20	EUIN number		mandatory
EUIN DECLERATION FLAG	varchar	1	EUIN declaration flag	Y/N	mandatory
DPC	char	1	DPC flag	Y/N	mandatory
REGID	bigint	10	SIP reg number. Incase of new registration this will be blank		
IPAdd	varchar	20			
Password	varchar	250	encrypted password		mandatory
Pass Key	varchar	10			
Param1 (Sub Broker ARN)	varchar	20	Filler 1 Will Be Used As Sub Broker ARN Code		non - mandatory
Param2 (End Date)	varchar	10	End Date for Daily SIP	DD/MM/YYYY	Mandatory only in case of daily SIP only for MFI/RFI
Param3	varchar	10			

Web Service SIP Request Response

The Method used for SIP Request Response is `sipOrderEntryParamResponse`

Parameter Name	Type	Length	Description	Sample values
Transaction code	varchar	3	Transaction Code as given in the request	NEW/CXL
Unique reference number	varchar	19	Unique reference number as given in the request	YYYYMMDD<usercode>000001
MemberId	varchar	20	BSE member code	
ClientCode	varchar	20	BSE client code	
UserId	bigint	5	user id	
SIP REG_ID	bigint	10	in case new SIP, BSE XSIP registration will be populated.	
Bse remarks	varchar	1000	Bse Response Return remarks	
Success flag	varchar	1	Order success flag	

XSIP/ISIP REQUEST MESSAGE STRUCTURE

Web Service XSIP/ISIP Request

The Method used for XSIP/ISIP Request is `xsipOrderEntryParam`

Parameter Name	Type	Length	Description	Sample values	Mandatory
Transaction code	varchar	3	New XSIP or Cancellation of XSIP	NEW/CXL	mandatory
Unique reference number	varchar	19	Unique reference number from the member. Number can be incremental for each order(000001, 000002,....). The number will be reset the next day.	YYYYMMDD<usercode>000001	mandatory
SchemeCd	varchar	20	BSE scheme code		mandatory
MemberId	varchar	20	BSE member code		mandatory
ClientCode	varchar	20	BSE client code		mandatory
UserId	bigint	5	user id		mandatory
INTERNAL_REF_NO	varchar	10	internal referance number		non-mandatory
TRANS_MODE	varchar	2	demat or physical	D/P	mandatory
DP transaction mode	char	1	CDSL/NSDL/PHYSICAL	C/N/P	mandatory
start date	varchar	10	start date of the SIP	DD/MM/YYYY	
FREQUENCY TYPE	varchar	20	type of frequency	MONTHLY/QUARTELY/WEEKLY	mandatory
frequency allowed	int	1	rolling frequency	1	mandatory
INSTALLMENT_AMOUNT	numeric	8	installment amount		mandatory
NO_OF_INSTALLMENTS	int	4	number of installments		mandatory
REMARKS	varchar	100			non-mandatory
FOLIO_NO	varchar	20	mandatory incase of physical SIP		non-mandatory

FIRST_ORDER_FLAG	char	1	first order today flag	Y/N	mandatory
BROKERAGE	money	8			non-mandatory
XSIP MANDATEID	bigint	8	BSE mandate ID for XSIP Orders		Mandatory for XSIP Orders
SUBBRCODE	varchar	15	sub broker code		non-mandatory
EUIN	varchar	20	EUIN number		mandatory
EUIN flag	varchar	1	EUIN decleration flag	Y/N	mandatory
DPC	varchar	1	DPC flag	Y/N	mandatory
XSIP REG_ID	int	10	XSIP reg number. Incase of new registration this will be blank		
IPAdd	varchar	20			
Password	varchar	250	encrypted password		mandatory
Pass Key	varchar	10			
Param1 (Sub Broker ARN)	varchar	20	Filler 1 Will Be Used As Sub Broker ARN Code		non-mandatory
Param2 (ISIP Mandate ID)	varchar	15	ISIP Mandate		Mandatory for ISIP Orders
Param3	varchar	10			

BSE StAR-MF Web Services Structures (Rev 1.7)

Web Service XSIP/ISIP Request Response

The Method used for XSIP/ISIP Request Response is `xsipOrderEntryParamResponse`

Parameter Name	Type	Length	Description	Sample values
Transaction code	varchar	3	Transaction Code as given in the request	NEW/CXL
Unique reference number	varchar	19	Unique reference number as given in the request	YYYYMMDD<usercode>000001
MemberId	varchar	20	BSE member code	
ClientCode	varchar	20	BSE client code	
UserId	bigint	5	user id	
XSIP REG_ID	bigint	10	in case new XSIP, BSE XSIP registration will be populated.	
IPAdd	varchar	20		
BSE remarks	varchar	1000	Bse Response Return remarks	
Success flag	varchar	1	Order success flag	

SPREAD ORDER REQUEST MESSAGE STRUCTURE (Overnight)

Web Service SPREAD Order Request (Overnight)

The Method used for SPREAD Order Request is `spreadOrderEntryParam`

Parameter Name	Type	Length	Description	Sample values	Mandatory
Transaction code	varchar	3	New Spread Order or Cancellation of Spread Order	NEW	mandatory
Unique referance number	varchar	19	Unique reference number from the member. Number can be incremental for each order(000001, 000002,….). The number will be reset the next day.	YYYYMMDD<usercode>000001	mandatory
OrderId	bigint	8	BSE unique order number, for a new order this field will be blank and incase of modification and cancellation the order number has to be given		
UserId	bigint	5	user ID which will be given by BSE		mandatory
MemberId	varchar	20	member code given by BSE		mandatory
ClientCode	varchar	20	client code		mandatory
SchemeCd	varchar	20	BSE scheme code		mandatory
BuySell	varchar	1	type of transaction i.e. purchase or redemption	P/R	mandatory
BuySellType	varchar	10	type of buy/sell type i.e. fresh or additional	FRESH/ADDITIONAL	mandatory
DPTxn	varchar	10	CDSL/NSDL/PHYSICAL	C/N/P	mandatory
Purchase amount	money	14	purchase amount		
Redemption amount	money	14	redemtion amount		

All units flag	varchar	1	all units flag, If this Flag is"Y" then units and amount column should be blank	Y/N	mandatory
RedeemDate	varchar	10	redemption date	DD/MM/YYYY	mandatory
FolioNo	varchar	20	incase of demat transaction this field will be blank and mandatory in case of physical redemption and physical purchase+additional		non-mandatory
Remarks	varchar	255			non-mandatory
KYCStatus	varchar	1	kyc status of client	Y/N	mandatory
RefNo	varchar	20	internal referance number		non-mandatory
SubBrCode	varchar	15	sub broker code		non-mandatory
EUIN	varchar	20	EUIN number		mandatory
EUINVal	varchar	1	EUIN decleration	Y/N	mandatory
MinRedeem	varchar	1	minimum redemption flag	Y/N	mandatory
DPC	varchar	1	DPC flag for purchase transactions	Y/N	mandatory
IPAdd	varchar	20			
Password	varchar	250	encrypted password		mandatory
Pass Key	varchar	10			
Param1 (Sub Broker ARN)	varchar	20	Filler 1 Will Be Used As Sub Broker ARN Code		non-mandatory
Param2	varchar	10			
Param3	varchar	10			

Web Service SPREAD Order Request Response (Overnight)

The Method used for SPREAD Order Request Response is `spreadOrderEntryParamResponse`

Parameter Name	Type	Length	Description	Sample Values
Transaction code	varchar	3	value will be same as value given in the request	NEW/CXL
Unique referance number	varchar	19	Unique referance number as given in the request	YYYYMMDD<usercode>000001
OrderId	bigint	8	BSE order number will be given in this field	
UserId	bigint	5	user ID which will be given by BSE	
MemberId	varchar	20	member code given by BSE	
ClientCode	varchar	20	client code	
success flag	varchar	1	BSE return remarks	
BSE remarks	varchar	1000	order success flag	

SWITCH ORDER REQUEST MESSAGE STRUCTURE

Web Service SWITCH Order Request

The Method used for SWITCH Order Request is `switchOrderEntryParam`

Parameter Name	Type	Length	Description	Sample values	Mandatory
Transaction code	varchar	3	New Switch Order or Cancellation of Switch Order	NEW	mandatory
Unique referance number	varchar	19	Unique reference number from the member. Number can be incremental for each order(000001, 000002,….). The number will be reset the next day.	YYYYMMDD<usercode>000001	mandatory
OrderID	bigint	8			
UserID	bigint	5	user ID which will be given by BSE		mandatory
MemberId	varchar	20	member code given by BSE		mandatory
ClientCode	varchar	20	client code		mandatory
from scheme code	varchar	20	BSE scheme code		mandatory
to scheme code	varchar	21	BSE scheme code		mandatory
BuySell	varchar	2	switchout/switchin	SO/SI	mandatory
BuySellType	varchar	10	type of buy/sell type i.e. fresh or additional	FRESH/ADDITIONAL	mandatory
DPTxn	varchar	10	CDSL/NSDL/PHYSICAL	C/N/P	mandatory
switch amount	money	14	switch amount		
switch units	money	8	switch units		
all units flag	varchar	1	all units flag	Y/N	mandatory

FolioNo	varchar	20	incase of a demat transaction this field will be blank and mandatory in case of physical redemption and physical purchase+addition al		non-mandatory
Remarks	varchar	255	kyc status of client		non-mandatory
KYCStatus	varchar	1	internal referance number		non-mandatory
SubBroCod e	varchar	20	sub broker code		non-mandatory
EUIN	varchar	20	EUIN number		mandatory
EUINVal	varchar	2	EUIN decleration	Y/N	mandatory
MinRedee m	varchar	1	minimum redemption flag	Y/N	mandatory
IPAddress	varchar	20			
Password	varchar	250	encrypted password		mandatory
Pass Key	varchar	10			
Param1 (Sub Broker ARN)	varchar	10	Filler 1 Will Be Used As Sub Broker ARN Code		non-mandatory
Param2	varchar	10			
Param3	varchar	10			

Web Service SWITCH Order Request Response

The Method used for SWITCH Order Request Response is `switchOrderEntryParamResponse`

Parameter Name	Type	Length	Description	Sample Values
Transaction code	varchar	3	value will be same as value given in the request	NEW/CXL
Unique referance number	varchar	19	Unique referance number as given in the request	YYYYMMDD<usercode>000001
OrderID	bigint	8		
UserID	bigint	5	User ID which will be given by BSE	
MemberId	varchar	20	member code given by BSE	
ClientCode	varchar	20	Client code	
Success flag	varchar	1	BSE return remarks	
Bse remarks	varchar	1000	order success flag	

MUTUAL FUND ADDITIONAL SERVICES MESSAGE STRUCTURE

MUTUAL FUND ADDITIONAL SERVICES AUTHENTICATION MESSAGE STRUCTURE

In Addition to the Existing Order Routing Services additional Services are available through Web Services for the BSE StAR MF system for the Mutual Fund Platform

1.) **FATCA** via Webservices
2.) **UCC MFI/MFD –** *Multi Bank* via Webservices
3.) **Online Payment Gateway** via Webservices
4.) **Change Password for Web Services ID and User IDs** via Webservices
5.) **Mandate Registration** via Webservices
6.) **STP/SWP Registration** via Webservices
7.) **Client Payment Status** via Webservices
8.) **CKYC** via Webservices
9.) **Mandate Status** via Webservices
10.) **Client SMS Authentication** via Webservices
11.) **Client Systematic Plan Authentication** via Webservices

Methods of online Payment Gateway Available

1.) Payment gateways - Direct mode
2.) Payment Gateways - Nodal mode
3.) One Time Mandate (OTM) for Lumpsum purchases in addition to SIPs
4.) Provision to put UTR number in case of NEFT / RTGS

The Web Service through which Additional services request and response can be facilitated is available at.

URL: http://bsestarmfdemo.bseindia.com/MFUploadService/MFUploadService.svc

MUTUAL FUND Additional Services Login Request

The Method used for MUTUAL FUND Additional Services Login Request is `getPassword`

Request parameters

Parameters	Type	Length	Sample Values	Mandatory
User ID	Varchar	20	12301	mandatory
Member ID	Varchar	20	123	mandatory
Password	Varchar	30	mf@abc	mandatory
Passkey	Varchar	10	abcdef1234	mandatory

MUTUAL FUND Additional Services Login Request Response

The Method used for MUTUAL FUND Additional Services Login Request Response is `getPassword`

Parameters	Type	Length	Remarks
Status Code	Varchar	3	100- Success
			101- Failure
Encrypted Password/Error Reason	Varchar	500	

Notes

1. Member has to be Authenticated before sending any messages
2. Pass Key Validity can be Time based or One Time.
3. Member will have to enter the Web Service ID and password provided to them with a pass key (Alpha numeric with no special characters) each time they login.
4. Pass key can be different each time they login
5. Once user provides all the above / required details and submits it the Exchange, a response code will be sent to the member.
6. If the login is successful then response code "100" will be sent and also an encrypted password will be sent to the member.
7. If the login is not successful then response code "101" will be sent.
8. This encrypted password will be unique each time the member logins into BSE web service.
9. Member has to use this encrypted password whenever they punches the order.

MUTUAL FUND ADDITIONAL SERVICES MESSAGE STRUCTURE

MUTUAL FUND Additional Services Request

The Method used for MUTUAL FUND Additional Services Request is `MFAPI`

Parameters	Type	Length	Sample Values	Remarks
Flag	Varchar	2	01	FATCA UPLOAD
			02	UCC – MFD
			03	PAYMENT GATEWAY
			04	CHANGE PASSWORD
			05	UCC – MFI
			06	MANDATE REGISTRATION
			07	STP REGISTRATION
			08	SWP REGISTRATION
			11	CLIENT ORDER PAYMENT STATUS
			12	CLIENT REDEMPTION SMS AUTHENTICATION
			13	CKYC UPLOAD
			14	MANDATE STATUS
			15	SYSTEMATIC PLAN AUTHENTICATION
User Id	Varchar	20		
Encrypted Password	Varchar	10		
Parameters		Max		

Notes

1. Member has to be Authenticated before sending any messages
2. The Flag Value sent denotes the Additional Service that is used.
3. The Value of the Parameters are different for each of the Additional Services Flag
4. The values of the Parameters and the details for their variable are as given below.
5. The Response of the request send are given separately in the next section.

Values for Param in MUTUAL FUND Additional Services Request

Parameters	Type	Length	Sample Values
FATCA UPLOAD	Varchar	MAX	Pipe Separated Values as per File Structure Document
UCC/Client Creation– MFD	Varchar	MAX	Pipe Separated Values as per File Structure Document
PAYMENT GATEWAY	Varchar	MAX	MemberCode|ClientCode|LogoutURL
CHANGE PASSWORD	Varchar	MAX	Old Password|newpassword|conf password
UCC/Client Creation – MFI	Varchar	MAX	Pipe Separated Values as per File Structure Document
MANDATE REGISTRATION	Varchar	MAX	Pipe Separated Values as per Table Below
STP REGISTRATION	Varchar	MAX	Pipe Separated Values as per Table Below
SWP REGISTRATION	Varchar	MAX	Pipe Separated Values as per Table Below
CLIENT ORDER PAYMENT STATUS	Varchar	MAX	ClientCode|OrderNo|Segment
CLIENT REDEMPTION SMS AUTHENTICATION	Varchar	MAX	MemberCode |ClientCode
CKYC UPLOAD	Varchar	MAX	Pipe Separated Values as per File Structure Document
MANDATE STATUS	Varchar	MAX	Pipe Separated Values as per Table Below
SYSTEMATIC PLAN AUTHENTICATION (Registration/ Cancellation)	Varchar	MAX	Pipe Separated Values as per Table Below

FATCA UPLOAD

Pipe Separated Values as per Section: CLIENT FATCA REPORT UPLOAD of the BSE StAR MF File Structure Document/ Web File Structure Document

UCC/CLIENT CREATION– MFD

Pipe Separated Values as per Section: UCC/ CLIENT MASTER UPLOAD (MFD) of the BSE StAR MF File Structure Document/ Web File Structure Document

Payment Gateway Values

Parameters	Type	Length
Membercode	Varchar	20
Clientcode	Varchar	10
Logout Url	Varchar	500

CHANGE PASSWORD

Parameters	Field Description	Values
OLD PASSWORD/ NEW PASSWORD / CONF PASSWORD	Minimum	6
	Maximum	14
	Type	Alpha Numeric with one special character

UCC/CLIENT CREATION– MFI

Pipe Separated Values as per Section: UCC/ CLIENT MASTER UPLOAD (MFI) of the BSE StAR MF File Structure Document/ Web File Structure Document

MANDATE REGISTRATION

XSIP/ISIP Mandate: Member Type: MFI/MFD

Parameters	TYPE	Length	Sample	Mandatory/Non Mandatory Fields	
				MFD	**MFI**
CLIENT CODE	VARCHAR	10		Yes	Yes
AMOUNT	MONEY			Yes	Yes
Mandate Type	CHAR	1	X / I /E (XSIP/ISIP/ E-Mandate)	Yes	Yes
ACCOUNT NO.	VARCHAR	20		Yes	Yes
A/C TYPE			SB/CB/NE/NO	Yes	Yes
IFSC CODE	VARCHAR	11		Yes	Yes
MICR CODE	VARCHAR	9		No	No
START DATE	DATE		DD/MM/YYYY	Yes	Yes
END DATE	DATE		DD/MM/YYYY Default date would be current date + 100 yrs.	Yes	Yes

STP

Parameters	Type	Length	Sample
Client Code	**Varchar**	**10**	
From Bse Scheme Code	Varchar	20	
To Bse Scheme Code	Varchar	20	
Buy / Sell Type	Varchar	10	Fresh/Additional
Transaction Mode	Varchar	1	P- Physical
Folio Number	Varchar	15	
Internal Ref Number	Varchar	10	
Start Date	Date	10	
Frequency Type	Varchar	20	Weekly / Monthly / Quarterly

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No Of Transfers	Int	8	
Installment Amount	Numeric	25,3	
First Order Today	Varchar	1	Y/N
Sub Broker Code	Varchar	15	
EUIN Declaration	Varchar	1	Y/N
EUIN Number	Varchar	7	
Remarks	Varchar	100	
Sub Broker - ARN	Varchar	20	

SWP

Parameters	Type	Length	Sample
Client Code	Varchar	10	
Bse Scheme Code	Varchar	20	
Transaction Mode	Varchar	1	D- Demat, P- Physical
Folio Number	Varchar	15	
Internal Ref Number	Varchar	10	
Start Date	Date	10	
Number Of Withdrawls	Int	8	
Frequency Type	Varchar	20	Weekly / Monthly / Quarterly
Installment Amount	Numeric	25,3	
Installment Units	Numeric	25,3	
First Order Today	Varchar	1	Y/N
Sub Broker Code	Varchar	15	
EUIN Decleration	Varchar	1	Y/N
EUIN Number	Varchar	7	
Remarks	Varchar	100	
Sub Broker - Arn	Varchar	20	

CLIENT ORDER PAYMENT STATUS

Parameters	Type	Length	Sample
Client Code	Varchar	10	10178
Order No	BigInt		1815505
Segment	varchar	10	BSEMF- when MF Order is placed
			SGB- when SGB order is placed

CLIENT REDEMPTION SMS AUTHENTICATION

Particular	Type	Length
Membercode	Varchar	20
Clientcode	Varchar	10

UCC/CLIENT CREATION– MFD

Pipe Separated Values as per Section: CKYC UPLOAD of the BSE StAR MF File Structure Document/ Web File Structure Document

MANDATE STATUS

Parameters	Type	Length	Sample
Member code	varchar	10	
Client code	varchar	10	
Mandate ID	varchar	15	

SYSTEMATIC PLAN AUTHENTICATION (Registration/ Cancellation)

Parameters	Type	Length	Sample
Action	varchar	10	NEW/CXL
Member code	varchar	10	
Client code	varchar	10	
Logout URL	varchar	15	Optional

MUTUAL FUND Additional Services Request Response

The Method used for MUTUAL FUND Additional Services Request Response is `MFAPI`

Parameters	Type	Length	Remarks
Status Code	Varchar	3	100- Success
			101- Failure
Response /Remarks	Varchar	1000	FATCA – Verbose Messages/ Error Reason
			UCC MFD– Verbose Messages/ Error Reason
			PYMT GTY – Payment Gateway Link
			CHNG PASS - – Verbose Messages/ Error Reason
			UCC MFI– Verbose Messages/ Error Reason
			MANDATE REGISTRATION – Verbose Messages *(Table Below)/* Error Reason
			STP REGISTRATION – Verbose Messages/ Error Reason
			SWP REGISTRATION – Verbose Messages/ Error Reason
			CLIENT ORDER PAYMENT STATUS – Verbose Messages *(Table Below)/* Error Reason
			CLIENT REDEMPTION SMS– Authentication URL/ Error Reason
			CKYC UPLOAD– Verbose Messages/ Error Reason
			MANDATE STATUS

MANDATE REGISTRATION RESPONSE

Mandate Registration ID is given in Verbose Message in case of Success.

For XSIP Mandate ID Mandate ID Length is less than 15 digits
For ISIP Mandate ID length = 15 digit and First *THREE* Char starts with '**BSE**' like '**BSE521824730118**'

CLIENT ORDER PAYMENT RESPONSE STATUS

Status Code	Response /Remarks
101	INVALID SEGMENT VALUE
101	INVALID ORDER NUMBER
101	INVALID ORDER NUMBER FOR GIVEN MEMBER
101	INVALID ORDER NUMBER FOR GIVEN CLIENT
100	PAYMENT NOT INITIATED FOR GIVEN ORDER
100	AWAITING FOR FUNDS CONFIRMATION (Mode)

100	APPROVED (Mode)
100	REJECTED (Mode)

ERROR MESSAGES	DESCRIPTION
INVALID USER ID	Incorrect Login ID
PASSWORD EXPIRED	Incorrect Passkey
PASSWORD EXPIRED	Incorrect User ID
INVALID PARAM STRING FORMAT	Request string is not proper format
MEMBER CODE MANDATORY	Blank member code
CLIENT CODE MANDATORY	Blank client code
INVALID MEMBER CODE	Incorrect member code
INVALID CLIENT CODE	Incorrect client code
INVALID ACTION CODE	Incorrect action code

MUTUAL FUND IMAGE UPLOAD
WEB SERVICES MESSAGE STRUCTURE

MUTUAL FUND IMAGE UPLOAD WEB SERVICES MESSAGE STRUCTURE

The Mutual Fund Image Upload Web Service is available to upload the Image as per format which has been provided in the Exchange Notice for the Members.

The Web Service through which Image Upload Web services request and response can be facilitated is available at.

URL: http://bsestarmfdemo.bseindia.com/StarMFFileUploadService/StarMFFileUploadService.svc

MUTUAL FUND Image Upload Services Login Request

The Method used for MUTUAL FUND Image Upload Login Request is `getPassword`

Request parameters

Parameters	Type	Length	Sample Values	Mandatory
User ID	Varchar	20	12301	mandatory
Member ID	Varchar	20	123	mandatory
Password	Varchar	30	mf@abc	mandatory
Passkey	Varchar	10	abcdef1234	mandatory

GetPassword

    A. Rest

        a. Request parameter In Rest
: {"UserId":"9999901","MemberId":"99999","Password":"@12345"}
        b. Response :
: {"Filler":null,"ResponseString":"wDNn3SYDFo5xVDKIMeBhZxpiFrn++A8JbTarS\/5e3ogmBX7vJPGDtA==","Status":"100"}

    B. SOAP
        a. Request Parameter In SOAP " : PasswordRequest(dataContart)
        b. Response : Response (dataContart)

MUTUAL FUND Image Upload Login Request Response

The Method used for MUTUAL FUND Image Upload Login Request Response is `getPassword`

Parameters	Type	Length	Remarks
Status Code	Varchar	3	100- Success
			101- Failure
Encrypted Password/Error Reason	Varchar	500	

Notes

1. Member has to be Authenticated before sending any messages
2. Pass Key Validity can be Time based or One Time.
3. Member will have to enter the Web Service ID and password provided to them with a pass key (Alpha numeric with no special characters) each time they login.
4. Pass key can be different each time they login
5. Once user provides all the above / required details and submits it the Exchange, a response code will be sent to the member.
6. If the login is successful then response code "100" will be sent and also an encrypted password will be sent to the member.
7. If the login is not successful then response code "101" will be sent.
8. This encrypted password will be unique each time the member logins into BSE web service.
9. Member has to use this encrypted password whenever they punches the order.

MUTUAL FUND Image Upload Services Request

The Method used for MUTUAL FUND Image Upload Request is `UploadFile`

Parameters	Field Type	Length	Remarks
Flag	Varchar	10	At Present Only Ucc Will Come Here
User Id	Varchar	20	Login Id
Encrypted Password	Varchar	10	
Member Code	Varchar	20	Member Code
Client Code	Varchar	10	Client Code
File Name	Varchar	20	Image Name
Document Type	Varchar	3	Nrm/Ria
Filebytes	Byte Array		Image
Filler 1			
Filler 2			

UploadFile :

    A. Rest

        a.   Request parameter In Rest : {"Flag":"UCC", "UserId" : "123", "EncryptedPassword"= "sfgdfdfgsdfsd", "MemberCode"= "123", "ClientCode":"ABC","""FileName":"abc.tiff", "DocumentType"="", "pFileBytes":"", "Filler1":"Null", "Filler2":,"NULL"}

        b.   Response : : {"Filler":null,"ResponseString":"File Uploaded Sucessfully","Status":"100"}

    B. SOAP

        a. Request Parameter In SOAP " : FileData(dataContart)

        b. Response : Response (dataContart)

MUTUAL FUND Image Upload Notice/ Naming Convention

The Image should contain the Account Opening Details, Further details are provided in the Notice.

URL:http://www.bseindia.com/markets/MarketInfo/DispNewNoticesCirculars.aspx?page=20160606-8

Notice Details

In order to provide ease to MFIs/MFDs, the Exchange is pleased to provide the following facilities:

I) Auto Filled AOF Download

MFIs/MFDs are given the provision to download Auto Filled Account Opening Form (AOF) in pdf. The details shall be taken from the Client Master and shall be prepopulated in the AOF Form.

The provision to download Auto Filled Account Opening Form (AOF) in pdf format is available on BSE StAR MF Platform in the following link :

Admin – AOF Download

  ii)   Online Image upload facility

The images as a one-time process to be uploaded for all the Holders either at the Client Registration level or at the time of order placement on T day before 4:30 pm. The BSE StAR MF Platform shall automatically create the relevant files for all RTAs.

The provision to image upload is available on BSE StAR MF Platform in the following link :

Admin – Image Upload

The Client Code to be entered and the other details such as Client Name and Pan Number shall be auto populated.

The format for image upload is : MemberCodeClientcodeDDMMYYYY.TIFF

Eg. Member code is 10000, Client code is 123456 and Date 3rd June 2016

        Then the tiff file name should be 1000012345603062016.tiff

The Report for all the images uploaded is available in the following link :

Daily Downloads – New Reports – Image Upload Report .

MUTUAL FUND DIRECT PAYMENT GATEWAY REQUEST AND RESPONSE SERVICES MESSAGE STRUCTURE

MUTUAL FUND DIRECT PAYMENT GATEWAY MESSAGE STRUCTURE

In Addition to the Existing Payment Gateway Services the exchange provides the facility in which the member/ vendor allow his Clients to directly select the orders and Bank Details and access the Bank Payment Gateway from their application itself.

The Web Service through which Direct Bank Payment Gateway request and response can be facilitated is available at.

URL: http://bsestarmfdemo.bseindia.com/StarMFPaymentGatewayService/StarMFPaymentGatewayService.svc

Description:

- Login details:
    - Login id
    - Member id
    - Password
    - Passkey
- Order\payment details
    - Member code
    - Client code
    - Mode of payment
    - Bank ID
    - Account number
    - IFSC
    - Order number(s)
    - Total amount
    - Logout url

- ❖ Mode of payment and bank ID is available as a bank mapping table.
- ❖ IF there are multiple order for a client then the order numbers can be sent in either of the two format:
    - **Plain Text** - If given in plane text then the multiple order numbers can be given in one row only with splitter.
    - **JSON** - If given in JSON format then order numbers can be passed in array

Sample structure

Plain Text:

Member code| client code| mode of payment|Bank ID| account number| IFSC| order number1, order number 2, order number 3|logout URL

JSON:

Member code =""

Client code =""

Mode of payment = ""

Bank id = ""

Account number = ""

IFSC = ""

Order number(s) = {order number 1, order number 2, order number 3}

Logout URL = ""

DIRECT PAYMENT GATEWAY Authentication

MUTUAL FUND DIRECT PAYMENT GATEWAY Authentication Request

Request parameters

Parameters	Type	Length	Sample Values	Mandatory
Web Service Id	Varchar	20	12301	mandatory
Memberid	Varchar	20	123	mandatory
Password	Varchar	30	mf@abc	mandatory
Passkey	Varchar	20	abcdef1234	mandatory

MUTUAL FUND DIRECT PAYMENT GATEWAY Authentication Response Response

Parameters	Type	Length	Remarks
Filler	Varchar	100	
Authentication Success Code	Varchar	3	100- Success
			101- Failure
Encrypted Password/Error Reason	Varchar	500	

Notes

1. Member has to be Authenticated before sending any messages
2. Pass Key Validity can be Time based or One Time.
3. Member will have to enter the Web Service ID and password provided to them with a pass key (Alpha numeric with no special characters) each time they login.
4. Pass key can be different each time they login
5. Once the member provides all the above / required details and clicks on the submit button, a response code will be sent to the user.
6. If the login is successful then response code "100" will be sent and also an encrypted password will be sent to the user.
7. If the login is not successful then response code "101" will be sent.
8. This encrypted password will be unique each time the member logins into BSE web service.
9. Member has to use this encrypted password whenever places request for Additional Services.

DIRECT PAYMENT GATEWAY URL Request

MUTUAL FUND DIRECT PAYMENT GATEWAY URL Request

Parameters	Type	Length	Remarks
Member Code	varchar	20	
Client Code	varchar	10	
Mode Of Payment	varchar	10	DIRECT/NODAL
Bank Id	varchar	5	
Account Number	varchar	20	
IFSC	varchar	11	
Order Number(s)	varchar		
Total Amount	MONEY		
Logout Url	varchar	1000	

MUTUAL FUND DIRECT PAYMENT GATEWAY URL Request Response

Parameters	Type	Length	Remarks
FILLER		100	
Response String			Bank Page in HTML format
Status Code	varchar	3	100- success
			101- failure

BANK CODES

MODE	BankName	BankCode
NODAL	HDFC BANK	HDF
DIRECT	Axis Bank	UTI
DIRECT	ICICI Bank - Retail Net Banking	ICI
DIRECT	IDBI Bank - Retail Net Banking	IDB
DIRECT	Kotak Bank	162
DIRECT	State Bank of India	SBI
NODAL	Allahabad Bank - Retail Net Banking	ALB
NODAL	Andhra Bank	ADB
NODAL	Bank of Bahrain and Kuwait	BBK
NODAL	Bank of Baroda - Corporate Banking	BBC
NODAL	Bank of Baroda - Retail Net Banking	BBR
NODAL	Bank of Maharashtra	BOM
NODAL	Bharatiya Mahila Bank	BMN
NODAL	Canara Bank	CNB
NODAL	Catholic Syrian Bank	CSB
NODAL	Central Bank of India	CBI
NODAL	Corporation Bank	CRP
NODAL	Cosmos Bank	COB
NODAL	Dena Bank	DEN
NODAL	Deutsche Bank	DBK
NODAL	Development Credit Bank - Corporate	DC2
NODAL	Development Credit Bank - Retail	DCB
NODAL	Dhanlakshmi Bank	DLB
NODAL	Federal Bank	FBK
NODAL	Indian Bank	INB
NODAL	Indian Overseas Bank	IOB
NODAL	IndusInd Bank	IDS
NODAL	ING Vysya Bank - Retail Net Banking	ING
NODAL	Jammu & Kashmir Bank	JKB
NODAL	Janata Sahakari Bank	JSB
NODAL	Karnataka Bank Ltd	KBL
NODAL	Karur Vysya Bank	KVB
NODAL	Laxmi Vilas Bank - Corporate Net Banking	LVC
NODAL	Laxmi Vilas Bank - Retail Net Banking	LVR
NODAL	NKGSB BANK	NKB
NODAL	Oriental Bank of Commerce	OBC

NODAL	Punjab & Maharastra Coop Bank	PMC
NODAL	Punjab & Sind Bank	PSB
NODAL	Punjab National Bank - Corporate Banking	CPN
NODAL	Punjab National Bank - Retail Net Banking	PNB
NODAL	Ratnakar Bank - Retail Net Banking	RTN
NODAL	RBS (The Royal Bank of Scotland)	RBS
NODAL	Saraswat Bank	SWB
NODAL	Shamrao Vitthal Co-operative Bank - Retail Net Banking	SVC
NODAL	South Indian Bank	SIB
NODAL	Standard Chartered Bank	SCB
NODAL	Syndicate Bank	SYD
NODAL	Tamilnad Mercantile Bank Ltd.	TMB
NODAL	Tamilnadu State Coop Bank	TNC
NODAL	TJSB Bank	TJB
NODAL	UCO Bank	UCO
NODAL	Union Bank of India	UBI
NODAL	United Bank of India	UNI
NODAL	Vijaya Bank	VJB
DIRECT	Yes Bank Ltd	YBK
NODAL	STATE BANK OF MYSORE	SBM
DIRECT	CITY UNION BANK LIMITED	CIU
NODAL	Ratnakar Bank - Retail Net Banking	RBL

ERROR CODES

PARAMETERS	DESCRIPTION
INVALID PAYMENT MODE	when user passes values other than "DIRECT/NODAL" in mode column
PASSWORD EXPIRED	when user passes wrong encrypted password or when user passes the encrypted password which was generated for last session
INVALID MEMBER CODE	when user passes wrong member code
INVALID CLIENT CODE	when user passes wrong client code
INVALID CLIENT ACCOUNT NUMBER	when user passes wrong account number i.e. the same is not match with client master
SELECT AT LEAST ONE ORDER	when user doesn't select any order number for payment
INVALID ORDER NUMBER	when user passes the wrong order number or that order number that is not associated to client for which the payment has to be initiated

INVALID TOTAL ORDER AMOUNT	when the amount doesn't match with the total amount of the orders that are sent
ORDER NUMBER ALLREADY INITIATED	when user passes the order number for whim the payment has already been initiated
PAYMENT DONE FOR THIS ORDER NUMBER	when user passes the order number for whim the payment has already been done
INVALID LOGOUT URL FORMAT	when user passes the invalid urn format
INVALID ENCRYPTED PASSWORD	when user passes wrong encrypted password or when user passes the encrypted password which was generated for last session

MUTUAL FUND CHILD ORDER
WEB SERVICES MESSAGE STRUCTURE

MUTUAL FUND CHILD ORDER WEB SERVICES MESSAGE STRUCTURE

The Mutual Fund Child Order Web Service is available to fetch the orders details generated as installments for the SIP/XSIP/ISIP/STP/SWP order types using the Child Order Service for the Members.

The Web Service through which Child Order Web services request and response can be facilitated is available at.

URL: http://bsestarmfdemo.bseindia.com/StarMFWebService/StarMFWebService.svc

MUTUAL FUND Child Order Services Login Request

The Method used for MUTUAL FUND Child Order Login Request is `getPassword`

Request parameters

Parameters	Type	Length	Sample Values	Mandatory
User ID	Varchar	20	12301	mandatory
Member ID	Varchar	20	123	mandatory
Password	Varchar	30	mf@abc	mandatory
Passkey	Varchar	10	abcdef1234	mandatory

GetPassword

A   Request Parameter: (JSON Format)
{
"UserId": "457",
"MemberId": "99999",
"Password": "@1234",
"PassKey": "BSE"
}

B   Response (JSON Format)
{
    "Filler": null,
    "ResponseString":
"ScGpdNmUHi5rA5PitbWz3lpDbIGAVSlnIEOuzCXppiza3HyKXCv10A==",
    (EncryptedPassword)
    "Status": "100"
}

MUTUAL FUND Child Order Login Request Response

The Method used for MUTUAL FUND Child Order Login Request Response is `getPassword`

Parameters	Type	Length	Remarks
Status Code	Varchar	3	100- Success
			101- Failure
Encrypted Password/Error Reason	Varchar	500	

Notes

1. Member has to be Authenticated before sending any messages
2. Pass Key Validity can be Time based or One Time.
3. Member will have to enter the Web Service ID and password provided to them with a pass key (Alpha numeric with no special characters) each time they login.
4. Pass key can be different each time they login
5. Once user provides all the above / required details and submits it the Exchange, a response code will be sent to the member.
6. If the login is successful then response code "100" will be sent and also an encrypted password will be sent to the member.
7. If the login is not successful then response code "101" will be sent.
8. This encrypted password will be unique each time the member logins into BSE web service.
9. Member has to use this encrypted password whenever they punches the order.

MUTUAL FUND Child Order Services Request

The Method used for MUTUAL FUND Child Order Login Request is `UploadFile`

A   Request Parameter : (JSON Format)

```
{

    "Date": "07 JUL 2017",
    "MemberCode": "99999",
    "ClientCode": "457",
    "SystematicPlanType": "XSIP"          SystematicPlanType ( SIP, XSIP, ISIP, STP, SWP)
    "RegnNo": "75342",
    "EncryptedPassword": "ScGpdNmUHi5rA5PitbWz3lpDbIGAVSlnIEOuzCXppiza3HyKXCv10A==",
}
```

B   Respose (JSON Format)

```json
{
    "ChildOrderDetails": [{
            Amount: "500.0000",
            BSESchemeCode: "539-GR",
            BuySell: "P",
            BuySellType: "FRESH",
            ClientCode: "457",
            ClientName: "rajesh singhal",
            DPTxnType: "P",
            EUINFlag: "Y",
            EUINNumber: "E123465",
            FirstOrderTodayFlag: "N",
            FolioNo: "1485369",
            IntRefNo: "1",
            KYCFlag: "Y",
            MemberCode: "99999",
            OrderNumber: "758516",
            OrderType: "XSP",
            Quantity: "0.0000",
            RTASchemeCode: "539",
            SchemeName: "DSP BLACKROCK DYNAMIC ASSET ALLOCATION FUND - REGULAR -
GROWTH",
            SubBrokerARNCode: "ARN-159357",
            SubBrokerCode: "",
            SubOrderType: "NRM"
        }],
    "Message": "Child Order Details for Registration Number : 75342",

    "Status": "100"                              ( 100 : Success , 101 : Failure)
}
```

Additional Resources

The StAR MF UAT Environment Web site is available at

http://bsestarmfdemo.bseindia.com/

You can create your clients after logging in to the StAR MF Website.

Also the Documentation regarding File Structures is available at

https://www.bsestarmf.in/BSE%20StARMF%20File%20Structures.pdf

If requested UAT Environment credentials can be created and provided for IML /Web Service

STANDARD ERROR CODES

GET PASSWORD

ERROR MESSAGES	DESCRIPTION
USER ID SHOULD NOT BE BLANK	Blank value in user Id field
MEMBER ID SHOULD NOT BE BLANK	Blank value in member Id field
PASSWORD SHOULD NOT BE BLANK	Blank value in password field
PASSKEY SHOULD NOT BE BLANK	Blank value in passkey field
USER IS DISABLED. CONTACT ADMIN	User is blocked or disabled
YOU HAVE EXCEEDED MAXIMUM LOGIN ATTEMPTS. CONTACT ADMIN	User has entered wrong password more than 5 times
INVALID ACCOUNT INFORMATION	Incorrect Login details
INVALID USER ID	Incorrect Login ID
THE MEMBER IS SUSPENDED. CONTACT ADMIN	when the given member is blocked or inactive
THE BRANCH IS SUSPENDED. CONTACT ADMIN	when the given member branch is blocked or inactive]
ACCESS TEMPORARILY SUSPENDED. KINDLY BEAR WITH US	when forced login is "YES"
PASSWORD EXPIRED	when the user password has expired
USER NOT EXISTS	when user doesn't pass proper login details

MFAPI

ERROR MESSAGES	DESCRIPTION
INVALID USER ID	Incorrect Login ID
PASSWORD EXPIRED	Incorrect Passkey
PASSWORD EXPIRED	Incorrect User ID
PASSWORD EXPIRED	Login Session Expired, Re-login is required
INVALID PARAM STRING FORMAT	Request string is not proper format
MEMBER CODE MANDATORY	Blank member code
CLIENT CODE MANDATORY	Blank client code
INVALID MEMBER CODE	Incorrect member code
INVALID CLIENT CODE	Incorrect client code
INVALID MANDATE NUMBER	when user passes wrong mandate ID
INVALID MANDATE NUMBER FOR GIVEN CLIENT CODE	Mandate number does not belong to the given client
INVALID ACTION CODE	Incorrect action code
INVALID PAYMENT MODE	Incorrect values in mode column i.e other than "DIRECT/NODAL"
INVALID CLIENT ACCOUNT NUMBER	Incorrect Client account number i.e. Account does not match with the client master
SELECT AT LEAST ONE ORDER	No orders number are sent for payment
INVALID ORDER NUMBER	Incorrect order number or given order number is not associated to the client for which the payment has to be initiated
INVALID TOTAL ORDER AMOUNT	Amount doesn't match with the total amount of the orders that are sent
ORDER NUMBER ALREADY INITIATED	Order number sent for which the payment has already been initiated
PAYMENT DONE FOR THIS ORDER NUMBER	The payment has already been done for the order number sent.
INVALID LOGOUT URL FORMAT	Invalid URL format provided
INVALID ENCRYPTED PASSWORD	Invalid encrypted password sent or when user passes the encrypted password which was generated for last session.

REVISION HISTORY

Sr.No.	Date	Description
1	Nov 4 2015	Base Version
2	Apr 7 2016	Revision 1.0
3	July 29 2016	Revision 1.1
4	Oct 10 2016	Revision 1.2
5	Nov 19 2016	Revision 1.3
6	Jan 01 2017	Revision 1.4
7	Feb 10 2017	Revision 1.5
8	Aug 20 2017	Revision 1.6
9	Nov 11 2017	Revision 1.7
10	Jan 18,2018	Revision 1.8

Revision 1.8

Formats Changed for

1. MANDATE REGISTRATION (Option for e-mandate, Mandate Type "E")

Revision 1.7

Formats Changed for

2. SIP Message Structure Request (END DATE Added)

Additional Formats introduced for

1. Mandate Status API added
2. Systematic Plan Authentication (Registration/ Cancellation) API added

Revision 1.6

Formats Changed for

3. Mandate (Single Mandate Registration Upload for MFI & MFD and XSIP/ISIP)

Additional Formats introduced for

1. Direct Payment Gateway Web Service

2. Child Order Web Service
3. Image Upload Web Service

Revision 1.5

Additional Formats introduced for

4. CKYC UPLOAD

Revision 1.4

Additional Formats introduced for

5. CLIENT REDEMPTION SMS AUTHENTICATION

Revision 1.3

Additional Formats introduced for

1. CLIENT ORDER PAYMENT STATUS

Revision 1.2

Additional Formats introduced for

1. MANDATE ID CREATION
2. STP REGISTRATION
3. SWP REGISTRATION
4. UCC – MFI
5. ISIP

Formats Changed for

1. Web Service Order Entry Request
   Sub Broker ARN Added in Filler 1, Field Size changed from 10 to 20
   Method Name remains as Param1. This is non- Mandatory

2. Web Service SIP Entry Request
   Sub Broker ARN Added in Filler 1, Field Size changed from 10 to 20
   Method Name remains as Param1. This is non- Mandatory

3. Web Service XSIP/ISP Entry Request

MANDATE ID changed to XSIP Mandate ID, Either XSIP mandate ID or ISIP Mandate ID is required
Method Name remains as XsipRegID. This is Mandatory only if ISIP Mandate is not Provided.

Sub Broker ARN Added in Filler 1, Field Size changed from 10 to 20
Method Name remains as Param1. This is non- Mandatory

ISIP MANDATE ID Added in Filler 2, Field Size changed from 10 to 15, Either XSIP mandate ID or ISIP Mandate ID is required
Method Name remains as Param2. This is Mandatory only if XSIP Mandate ID is not Provided.

4. Web Service SPREAD Entry Request

Sub Broker ARN Added in Filler 1, Field Size changed from 10 to 20
Method Name remains as Param1. This is non- Mandatory

5. Web Service SWITCH Entry Request

Sub Broker ARN Added in Filler 1, Field Size changed from 10 to 20
Method Name remains as Param1. This is non- Mandatory

Revision 1.1

Additional Formats introduced for

1. MUTUAL FUND ADDITIONAL SERVICES

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