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Overview

The transaction sync is used to export batches of transactions and can create multiple file types per target.

File types include:

- Issued Transactions (Transaction-Level Details)
- Issued Transactions (Product-Level Details)
- Cancelled Transactions
- Point Expirations
- Transactional Bonuses (“Real-Time” Transaction Bonus Promotions)
- Promo Code Bonuses
- Transaction Type Details
- Transaction Custom Fields

The “Issued Transactions” files can be configured to include or exclude transactions that were issued AND cancelled after the last sync execution. Information about supporting files can be found below in the appropriate sections.

Within the Custom Fields file, column order of custom fields is fixed, but defined by the sync process. Custom fields added later are not necessarily appended to the end of the custom field column order. New custom fields may appear at the beginning, between previously existing, or at the end of the custom fields. Any system-level custom field changes necessitates re-verification of sync data, by data consumers if column order is a dependency.

Upon each execution, all transactions since the last execution will be included in the desired file types with current information. Files can optionally be split into X records per file, which are then FTP'd to the predetermined location. Files can be compressed and/or PGP encrypted prior to being transferred.

Transaction Sync

Name	TransactionSync_YYYYMMDD.txt TransactionSync_YYYYMMDD_##.txt (If file splitting is enabled) TransactionSync_YYYYMMDDHHMMSS.txt (If filename time is enabled) TransactionSync_YYYYMMDDHHMMSS_##.txt (If file splitting & filename time are enabled)
Format	Pipe delimited
Frequency	Daily
Source	Smart Button
Contents	Transactions added to the SBLP since the last sync file

Field Name	Type	Description
AppTransactionId	Numeric(10)	SB Internal Transaction Id
MemberId	Numeric(10)	SB Internal Member Id
MemberAccountId	String(60)	Most recent primary member account Id
FirstName	String(60)	
LastName	String(60)	
PrimaryPhone	Numeric(30)	1-(XXX) XXX-XXXX
MobilePhone	Numeric(30)	1-(XXX) XXX-XXXX
PrimaryEmail	String(256)	
LocationExternalRef	String(20)	External reference for the associated location.
TransactionTypeExternalRef <i>If "Replace Transaction Type External Reference with Transaction Type ID" is enabled, datatype will be Integer and field name will be: TransactionTypeID</i>	String(20)	External reference for the associated transaction type. <i>If "Replace Transaction Type External Reference with Transaction Type ID" is enabled the External Reference is replaced with the Internal Transaction Type ID.</i>
TransactionTimestamp	Date / Timestamp(23)	Timestamp (UTC) when the transaction member was added (posted) to the loyalty program.
ActivityTimestamp	Date / Timestamp(23)	Timestamp (UTC) when the transaction occurred.
TransactionRetailValue	Decimal(21,4)	Value of the transaction
TransactionProfitValue	Decimal(21,4)	Calculated profit for the transaction derived from the user configured Profit Formula for the transaction type.
TransactionBasePointValue	Decimal(21,4)	Base point value for the transaction. Either calculated from the transaction type point formula or is directly entered by the user or process.
TransactionPointValue	Decimal(21,4)	The Total Point value for the transaction is comprised of the Base Point value plus any additional points awarded through transaction bonus promotions.
TransactionWonValue	Decimal(21,4)	The Total Won value for the transaction is the member Won on the Wager. (Gaming/Parimutuel)
EventName	String(120)	Name of the event the Transaction was assigned to
IssueAuditUser	String(120)	Source user or process name

TransactionExternalRef	String(40)	Provided or generated reference identifier for unique transaction.
SourceActivityDate <i>Field is only present if source date option is enabled within sync settings.</i>	Date	YYYY-MM-DD <i>Configured on the Sync Settings page</i>
TransferAppTransactionId <i>Field is only present if transfer column option is enabled within sync settings.</i>	Integer	The SB Internal Transaction Id of the “second” transaction involved in the point transfer. A value of -1 suggests a non-transfer transaction.

Example Data

AppTransactionId|MemberId|MemberAccountId|FirstName|LastName|PrimaryPhone|MobilePhone|PrimaryEmail|LocationExternalRef|TransactionTypeExternalRef|TransactionTimestamp|ActivityTimestamp|TransactionRetailValue|TransactionProfitValue|TransactionBasePointValue|TransactionPointValue|TransactionWonValue|EventName|IssueAuditUser|TransactionExternalRef
 921220|18813|400001@smartbutton.com|Jonas|Simpson|1-(111) 111-1144||400001@smartbutton.com|132||2013-10-08 15:24:29.540|2013-10-08 15:24:29.537|0.0000|0.0000|40.0000|40.0000|0.0000||Jason Schneiders|3211786321

Basket Product File

Name	TransactionProductInfoSync_YYYYMMDD.txt TransactionProductInfoSync_YYYYMMDD_##.txt (If file splitting is enabled) TransactionProductInfoSync_YYYYMMDDHHMMSS.txt (If filename time is enabled) TransactionProductInfoSync_YYYYMMDDHHMMSS_##.txt (If file splitting & filename time are enabled)
Format	Pipe delimited
Frequency	Daily
Source	Smart Button
Contents	Basket Products for transactions added to the SBLP since the last sync file

Field Name	Type	Description
AppTransactionId	Numeric(10)	SB Internal Transaction Id
MemberId	Numeric(10)	SB Internal Member Id
TransactionTypeExternalRef <i>If "Replace Transaction Type External Reference with Transaction Type ID" is enabled, datatype will be Integer and field name will be: TransactionTypeID</i>	String(20)	External reference for the associated transaction type. <i>If "Replace Transaction Type External Reference with Transaction Type ID" is enabled the External Reference is replaced with the Internal Transaction Type ID</i>
ProductItemExternalRef	String(20)	User controlled list of product references
FinalUnitPrice	Decimal(21,4)	Unit value of the product
BasePoints	Decimal(21,4)	Base point value for the production. This is calculated from the transaction type Point Formula.
BonusPoints	Decimal(21,4)	The Bonus Point value for the product is comprised of the additional points awarded through product bonus promotions.
ProfitValue	Decimal(21,4)	Calculated profit for the transaction derived from the user configured Profit Formula for the transaction type.
TransactionExternalRef	String(40)	Provided or generated reference identifier for unique transaction.

Example Data

AppTransactionId|MemberId|TransactionTypeExternalRef|ProductItemExternalRef|FinalUnitPrice|BasePoints|BonusPoints|ProfitValue|TransactionExternalRef
 1234|1|GMP|HAT_123|24.9900|24.9900|49.9800|12.5000|123455000000120130910131412

Transaction Cancel File

Name	TransactionsCancelledSync_YYYYMMDD.txt TransactionsCancelledSync_YYYYMMDD_##.txt (If file splitting is enabled) TransactionsCancelledSync_YYYYMMDDHHMMSS.txt (If filename time is enabled) TransactionsCancelledSync_YYYYMMDDHHMMSS_##.txt (If file splitting & filename time are enabled)
Format	Pipe delimited
Frequency	Daily
Source	Smart Button
Contents	Transactions canceled in the SBLP since the last sync file

Field Name	Type	Description
AppTransactionId	Numeric(10)	SB Internal Transaction Id
MemberId	Numeric(10)	SB Internal Member Id
CancelTimestamp	Date / Timestamp(23)	Timestamp of cancel (UTC)
CancelAuditUser	String(120)	Source user or process name
TransactionExternalRef	String(40)	Provided or generated reference identifier for unique transaction.

Example Data

AppTransactionId | MemberId | CancelTimestamp | CancelAuditUser | TransactionExternalRef
 920267 | 71491 | 2013-10-09 21:33:15.553 | Bob Trommelen | 1023912498239

Point Expiration File

Name	TransactionExpirePointsSync_YYYYMMDD.txt TransactionExpirePointsSync_YYYYMMDD_##.txt (If file splitting is enabled) TransactionExpirePointsSync_YYYYMMDDHHMMSS.txt (If filename time is enabled) TransactionExpirePointsSync_YYYYMMDDHHMMSS_##.txt (If file splitting & filename time are enabled)
Format	Pipe delimited
Frequency	Daily
Source	Smart Button
Contents	Member Points Expired in the SBLP since the last sync file

Field Name	Type	Description
MemberExpireID	Numeric(10)	SB Internal Transaction Id
MemberId	Numeric(10)	SB Internal Member Id
ExpiredTimestampUTC	Date / Timestamp(23)	Timestamp of expiration (UTC)
PointsExpired	Decimal(21,4)	Points expired

Example Data

MemberExpireId | MemberId | ExpiredTimestampUTC | PointsExpired

641187 | 801968 | 2014-04-18 13:48:05.353 | 1.0000

641188 | 801971 | 2014-04-18 13:48:05.353 | 1.0000

641189 | 801972 | 2014-04-18 13:48:05.357 | 2.0000

Transaction Bonus File

Name	TransactionBonusInfoSync_YYYYMMDD.txt TransactionBonusInfoSync_YYYYMMDD_##.txt (If file splitting is enabled) TransactionBonusInfoSync_YYYYMMDDHHMMSS.txt (If filename time is enabled) TransactionBonusInfoSync_YYYYMMDDHHMMSS_##.txt (If file splitting & filename time are enabled)
Format	Pipe delimited
Frequency	Daily
Source	Smart Button
Contents	Transaction bonus details for transactions added to the SBLP since the last sync file

Field Name	Type	Description
AppTransactionId	Numeric(10)	SB Internal Transaction Id
MemberId	Numeric(10)	SB Internal Member Id
TransactionTypeExternalReference <i>If "Replace Transaction Type External Reference with Transaction Type ID" is enabled, datatype will be Integer and field name will be: TransactionTypeID</i>	String(20)	External reference for the associated transaction type. <i>If "Replace Transaction Type External Reference with Transaction Type ID" is enabled the External Reference is replaced with the Internal Transaction Type ID.</i>
BonusType	Numeric (10)	Bonus Type 1 = Transaction Bonus 2 = Parimutuel Transaction Bonus 3 = Transaction Product Bonus 4 = Transaction Product Quantity Bonus
BonusExternalReference	String(20)	User controlled list of promotion bonus external references
BonusPoints	Decimal(21,4)	Promotion bonus point value
ProductItemExternalReference	String(20)	External reference of the product bonused via the Transaction Product Bonus promotion (BonusType = 3,4).
TransactionExternalReference	String(40)	Provided or generated reference identifier for unique transaction.

Example Data

AppTransactionId|MemberId|TransactionTypeExternalReference|BonusType|BonusExteranlReference|BonusPoints|ProductItemExternalReferenc
e|TransactionExternalReference
1234|1|1|DBL_POINTS|24.9900|004578|123455000000120130910131412

Transaction Promo Code Info File

Name	TransactionPromoCodeInfoSync_YYYYMMDD.txt TransactionPromoCodeInfoSync_YYYYMMDD_###.txt (If file splitting is enabled) TransactionPromoCodeInfoSync_YYYYMMDDHHMMSS.txt (If filename time is enabled) TransactionPromoCodeInfoSync_YYYYMMDDHHMMSS_###.txt (If file splitting & filename time are enabled)
Format	Pipe delimited
Frequency	Daily
Source	Smart Button
Contents	Key/Promo Code bonus details for transactions added to the SBLP since the last sync file

Field Name	Type	Description
AppTransactionId	Numeric(10)	SB Internal Transaction Id
MemberId	Numeric(10)	SB Internal Member Id
TransactionTypeExternalReference <i>If "Replace Transaction Type External Reference with Transaction Type ID" is enabled, datatype will be Integer and field name will be: TransactionTypeID</i>	String(20)	External reference for the associated transaction type. <i>If "Replace Transaction Type External Reference with Transaction Type ID" is enabled the External Reference is replaced with the Internal Transaction Type ID.</i>
PromoType	Numeric (10)	Promo Type 1 = Key Code 2 = Product Code 3 = Product Item
Code	String(20)	Code entered for promotion.
ProductItemExternalReference	String(20)	External reference of the product bonused via the transaction.
ProductBasePoints	Decimal(21,4)	Base points earned for a product, if present.
ProductBonusPoints	Decimal(21,4)	Bonus points earned for a product, if present.
TransactionExternalReference	String(40)	Provided or generated reference identifier for unique transaction.

Example Data

AppTransactionId|MemberId|TransactionTypeExternalReference|PromoType|Code|ProductItemExternalReference|ProductBasePoints|ProductBonusPoints|TransactionExternalReference
2059212|129251|49381|2|123982948826|P1002|5|0|

Transaction Type Detail File

Name	TransactionTypeDetailSync_YYYYMMDDHHMMSS.txt (If filename time is enabled) <i>This sync file does NOT use any of the following options:</i> <ul style="list-style-type: none"> • Time of Day • Max Records per file
Format	Pipe delimited
Frequency	Daily
Source	Smart Button
Contents	All Transaction Type details for transactions

Field Name	Type	Description
TransactionTypeID	Numeric(10)	SB Internal Transaction Type ID
TransactionTypeName	String (120)	Name of transaction type
TransactionTypeExternalReference	String(20)	External reference for the associated transaction type. <i>May be NULL</i>
TransactionTypeCategoryID	Numeric (10)	Transaction Type Category ID 1 = Admission Transaction 2 = Purchase Transaction 3 = Point Adjustment Transaction 4 = Miscellaneous Transaction 5 = Promotional Transaction 6 = Parimutuel Transaction 7 = Slot Transaction 8 = Survey Transaction
TransactionTypeCategoryName	String (40)	Transaction Type Category Name
TransactionTypeAsVisitTrip	Boolean	Transaction type to be used when counting a Visit or Trip <i>Part of the Transaction Type Analytic Flags</i> 0 = Does not count as Visit or Trip -1 = Counts as Visit or Trip
TransactionTypeAsActive	Boolean	Transaction type to be used when counting an Active member <i>Part of the Transaction Type Analytic Flags</i> 0 = Does not count as Active member -1 = Counts as Active member
TransactionRecency	Boolean	Use In 'Recency' Calculation for RFM <i>Part of the Transaction Type Analytic Flags</i> 0 = Does not use in Recency calculation -1 = Use in Recency calculation
TransactionFrequency	Boolean	Use In 'Frequency' Calculation for RFM <i>Part of the Transaction Type Analytic Flags</i> 0 = Does not use in Frequency calculation -1 = Use in Frequency calculation
TransactionMonetary	Boolean	Use In Monetary Calculation for RFM <i>Part of the Transaction Type Analytic Flags</i> 0 = Does not use in Monetary calculation -1 = Use in Monetary calculation

TransactionProductSettingID	Numeric (10)	Transaction Product Setting ID 1 = Transaction Does Not Store Products 2 = Transaction Uses Single Product Basket 3 = Transaction Uses Multiple Product Basket 4 = Transaction Stores a Non Processed Basket
TransactionTypeProductSettingName	String (45)	Transaction Type Product Setting Name
TransactionPointName	String (120)	Transaction Type point (for fixed point amount) or point formula name.
TransactionProfitName	String (120)	Transaction Type point profit percentage name
TransactionRuleName	String (120)	Transaction Type point rule name

Example Data

TransactionTypeID|TransactionTypeName|TransactionTypeExternalReference|TransactionTypeCategoryID|TransactionTypeCategoryName|TransactionTypeAsVisitTrip|TransactionTypeAsActive|TransactionRecency|TransactionFrequency|TransactionMonetary|TransactionProductSettingID|TransactionTypeProductSettingName|TransactionPointName|TransactionProfitName|TransactionRuleName|UpdatedTimestampUTC
 5|General Merchandise Purchase|GMP|1|Purchase Transaction|-1|-1|-1|-1|-1|3|Transaction Uses Multiple Product Basket|10 Points Per \$1|0%|No Limit|1/20/2016 02:25:33 PM

Transaction Custom Fields

Name	TransactionCustomFieldsInfoSync_YYYYMMDD.txt TransactionCustomFieldsInfoSync_YYYYMMDD_##.txt (If file splitting is enabled) TransactionCustomFieldsInfoSync_YYYYMMDDHHMMSS.txt (If filename time is enabled) TransactionCustomFieldsInfoSync_YYYYMMDDHHMMSS_##.txt (If file splitting & filename time are enabled)
Format	Pipe delimited
Frequency	Daily
Source	Smart Button
Contents	Transaction custom field info for transactions created or for transactions which have received custom field updates since the last sync file.

Field Name	Type	Description
AppTransactionId	Numeric(10)	SB Internal Transaction Id
MemberId	Numeric(10)	SB Internal Member Id
TransactionTypeExternalReference <i>If "Replace Transaction Type External Reference with Transaction Type ID" is enabled, datatype will be Integer and field name will be: TransactionTypeID</i>	String(20)	External reference for the associated transaction type. <i>If "Replace Transaction Type External Reference with Transaction Type ID" is enabled the External Reference is replaced with the Internal Transaction Type ID</i>
TransactionExternalReference	String(40)	Provided or generated reference identifier for unique transaction.
Custom Fields()	Variable	Each custom field is represented in its own column, with the custom field external reference in the header. Datatype varies by custom field. See top-level notes for details on ordering.

Example Data

AppTransactionId|MemberId|TransactionTypeExternalReference|TransactionExternalReference|SourceCompanyCode
2287245|34387|GMP|GMP33999|SFWAY01