ShopYourWayRewards

Loyalty Services API

|  |  |
| --- | --- |
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# Overview

Loyalty Web Service provides services for managing Shop Your Way Rewards functionality for members. The services include features such as enrolling for sywr, retrieving points balance and VIP tier status.

# Protocol and Error Handling

Loyalty API is accessible via http internally and via https to restricted external clients. Input to the API would be via http request parameters using POST.

WSDL Location – <http://sunder.ecom.sears.com:8280/LoyaltyService/LoyaltyService.wsdl>

# Loyalty Web Service for SYWR

## Validate Member

This service validates the member number and the first name and last name. If the First Name and Last name sent in the request match with the First Name and Last Name of the Member number a success response is returned with ResponseCode as 0. If they do not match then a failure Response is returned with ResponseCode as 1.

**ValidateMemberRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MemberNumber | Y | String | 18 |  |
| FirstName | Y | String | 30 |  |
| LastName | Y | String | 30 |  |

**ValidateMemberReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | Y | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |

## Get Available Offers

This service returns all the sywr rewards that are currently available in the system.

**GetAvailableOffersRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| StartDTTM | Y | DateTime |  |  |
| EndDTTM | Y | DateTime |  |  |
| MaxRecords | Y | Integer |  | Default is 50 |
| LanguagePreference | Y | String | 1 |  |

**GetAvailableOffersReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | N | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |
| StartDTTM | N | DateTime |  |  |
| EndDTTM | N | DateTime |  |  |
| MaxRecords | Y | Integer |  | Default is 50 |
| Offers | Y |  |  | Only once mandatory field |
| └Offer | Y |  |  |  |
| └OfferName | Y | String | 60 |  |
| └Description | Y | String | 200 |  |
| └Terms | Y | String | 4000 |  |
| └StartDTTM | Y | DateTime |  |  |
| └EndDTTM | Y | DateTime |  |  |
| └ImageName | Y | String | 80 |  |
| └Category | N | String | 30 |  |
| └SubCategory | N | String | 30 |  |

## Get Member Offers

This service gets all the targeted offers for which the member is eligible.

**GetMemberOffersRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MemberNumber | Y | String | 18 |  |
| StartDTTM | Y | DateTime |  |  |
| EndDTTM | Y | DateTime |  |  |
| LanguagePreference | Y | String | 1 |  |

**GetMemberOffersReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | Y | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |
| CardNumber | Y | String | 18 |  |
| StartDTTM | Y | DateTime |  |  |
| EndDTTM | Y | DateTime |  |  |
| Offers | Y |  |  | This is only once mandatory |
| Offer? | Y |  |  | 1 or more repetitions |
| └OfferName | Y | String | 60 |  |
| └Description | Y | String | 200 |  |
| └Terms | Y | String | 4000 |  |
| └StartDTTM | Y | DateTime |  |  |
| └EndDTTM | Y | DateTime |  |  |
| └ImageName | Y | String | 80 |  |
| └Category | N | String | 30 |  |
| └SubCategory | N | String | 30 |  |

## Create Member

This service is used to create a new member number and capture the member details of a new user who signs up for SYWR.

**CreateMemberRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MemberNumber | N | String | 18 |  |
| EmailAddress | Y | String | 80 | Not required if phone number is present |
| Prefix | N | String | 10 |  |
| Suffix | N | String | 4 |  |
| FirstName | Y | String | 30 |  |
| MiddleInitial | N | String | 1 |  |
| LastName | Y | String | 30 |  |
| Address1 | Y | String | 40 |  |
| Address2 | N | String | 40 |  |
| City | Y | String | 30 |  |
| State | Y | String | 2 |  |
| ZipCode | Y | String | 6 | Upto six characters |
| ZipCodeExtension | N | String | 4 |  |
| DOB | Y | String | 10 | Format YYYY-MM-DD |
| CurrentDate | Y | Date |  | Format YYYY-DD-MM |
| CurrentTime | Y | String | 8 | HH:MM:SS |
| ClubMembershipCreatedBy | Y | String | 12 |  |
| ClubDNPStatus | Y | String | 1 | M - Value M  P - Value P  B - Value B  Y - Value Yes  N - Value No |
| SHCAssociateInd | Y | String | 1 | A – Current associate  R – Retired  N – Not associate |
| CardDesignType | Y | String | 4 | Values  S  K  T  L  SEAR  KMRT  TGIS  LEND  VRTL  V |
| WirelessPermissionFlag | Y | String | 1 | Values  “O”  “Y”  “N”  “” |
| ClubEmailOptStatus | Y | String | 1 | Values  “1”  “Y”  “N”  “” |
| PreferredLanguage | Y | String | 2 | Values  E-English  S-Spanish |
| StoreNumber | N | String | 5 | Identifies which store |
| Terminal | N | String | 3 | Terminal or register number  for POS |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId),could be blank |
| EnrollmentOfferCode | N | String | 10 |  |
| PhoneNumbers | N |  |  | 0 or 1 only |
| └Phone |  | Phone |  |  |
| └PhoneType | Y | String | 10 |  |
| └PreferredPhoneType | Y | String | 1 |  |
| └PhoneNumber | Y | String | 20 |  |

Here, either EmailAddress or PhoneNumbers where phoneType = M required.

**CreateMemberReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | N | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |
| ResponseDate | N | Date |  |  |
| ResponseTime | N | Time |  |  |
| NumRecordsReturned | N | Integer |  |  |
| Members |  |  |  | 0 or 1 only |
| └ Member |  |  |  |  |
| └EmailAddress | N | String | 80 |  |
| └Prefix | N | String | 10 |  |
| └Suffix | N | String | 4 |  |
| └FirstName | N | String | 30 |  |
| └MiddleInitial | N | String | 1 |  |
| └LastName | N | String | 30 |  |
| └Address1 | N | String | 40 |  |
| └Address2 | N | String | 40 |  |
| └City | N | String | 30 |  |
| └State | N | String | 2 |  |
| └ZipCode | N | String | 6 | Up to six characters |
| └ZipCodeExtension | N | String | 4 |  |
| └MemberNumber | N | String | 18 |  |
| └ClubStatus | N | String | 1 |  |
| └CreatedBy | N | String | 12 |  |
| └DateIssued | N | String | 10 | Format YYYY-MM-DD |
| └MemberSinceDate | N | String | 10 | Format is YYYY-MM-DD followed by spaces |
| └ClubDNPStatus | Y | String | 1 | M - Value M  P - Value P  B - Value B  Y - Value Yes  N - Value No |
| └AgeEligibile | N | String | 1 |  |
| └DOB | N | String | 10 | Format YYYY-MM-DD |
| └OnlineValidationFlag | N | String | 1 |  |
| └OnlineValidationDate | N | String | 10 | Format is YYYY-MM-DD |
| └EnrollmentOfferCode | N | String | 10 |  |
| └WirelessPermissionFlag | N | String | 1 | Values  “O”  “Y”  “N”  “” |
| └LanguagePreference | N | String | 1 |  |
| └VIPTier | N | String | 15 |  |
| └TotalSpentYTD | N | String | 20 |  |
| └SpendNextTierLevel | N | String | 20 |  |
| └CardDesignType | Y | String | 4 | Values  S  K  T  L  SEAR  KMRT  TGIS  LEND  VRTL  V |
| └SHCAssociateInd | Y | String | 1 | A – Current associate  R – Retired  N – Not associate |
| └RedeemablePointsInd | N | String | 1 |  |
| └TotalRedeemablePoints | N | Integer | 10 |  |
| └EmailStatusReturn | Y | String | 1 | ' '- Good email  'A' - Abuse  'D' - dropped bad domain  'M' - Missing Email  'B' - Bounceback  'N' - Do not ask for email |
| └RedemptionSystemCode | Y | String | 1 | Default is M  Values  M  V |
| └ClubEmailOptStatus | Y | String | 1 | Values  “1”  “Y”  “N”  “” |
| └SearchType | Y | String | 1 | 1.  Search based on name.  First and last name are required.  2.  Search based on email address.  Email is required.  3.  Search to support adding to profile.  Club Id (member number), first name and zip code are required.  4.  Search based on phone number.  Home phone or mobile phone required.  5   Search based on Club Id number (Member Number).  Member number required |
| └Deceased | Y | String | 2 |  |
| └CountryCode | Y | String |  | Default is ”US” |
| └msg1 | N | String |  |  |
| └msg2 | N | String |  |  |
| └msg3 | N | String |  |  |
| └msg4 | N | String |  |  |
| └msg5 | N | String |  |  |
| *└*PhoneNumbers | N |  |  | 0 or 1 only |
| └Phone | N | Phone |  | Mandatory (1 or repetitions) |
| └PhoneType | N | String | 10 |  |
| └PreferredPhoneType | N | String | 1 |  |
| └PhoneNumber | N | String | 20 |  |
| └ IncompleteProfileInd | Y | String | 1 | Values  Y  N |

## Get Member Profile

This service is used to lookup the basic information of the user such as the address and DOB etc.

**GetMemberProfileRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MemberNumber | Y | String | 18 |  |

**GetMemberProfileReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | Y | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |
| MemberNumber | Y | String | 18 |  |
| EmailAddress | Y | String | 80 |  |
| Prefix | Y | String | 10 |  |
| FirstName | Y | String | 30 |  |
| LastName | Y | String | 30 |  |
| Address1 | Y | String | 40 |  |
| Address2 | Y | String | 40 |  |
| City | Y | String | 30 |  |
| State | Y | String | 2 |  |
| ZipCode | Y | String | 6 | Upto six characters |
| ZipCodeExtension | Y | String | 4 |  |
| DOB | Y | String | 10 | Format YYYY-MM-DD |
| CardType | Y | String | 15 |  |
| SHCAssociateInd | Y | String | 1 | A – Current associate  R – Retired  N – Not associate |
| EnrollmentDTTM | Y | DateTime |  |  |
| EnrollmentStoreFormat | Y | String | 3 |  |
| PinNumber | Y | String | 8 |  |
| PhoneNumbers | Y |  |  | Minimum and maximum only once |
| └Phone |  | Phone |  |  |
| └PhoneType | Y | String | 10 |  |
| └PreferredPhoneType | Y | String | 1 |  |
| └PhoneNumber | Y | String | 20 |  |
| CurrentBalance | Y | Integer | 10 |  |

## Update Member Pin

This service is used to change the Pin associated with a SYWR card.

**UpdateMemberPinRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MemberNumber | Y | String | 18 |  |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| CurrentDate | N | Date |  | YYYY-DD-MM |
| CurrentTime | N | String | 8 | HH:MM:SS |
| PinNumber | Y | String | 8 |  |

**UpdateMemberPinReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | Y | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |

## Get Transaction Details

This service is used to get the Transaction and Bonus details associated with an earn transaction

**GetTransactionDetailRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| TransactionID | Y | String | 16 |  |

**GetTransactionDetailReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | Y | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |
| TransactionID | N | String | 16 |  |
| TransactionDTTM | N | DateTime |  |  |
| TotalPoints | N | Integer | 10 |  |
| LineItems | Y |  |  | Only once mandatory |
| └LineItem |  | TransactionLineItem |  |  |
| └LineItemID | N | String | 4 |  |
| └ItemNumber | N | String |  |  |
| └ItemDescription | N | String |  |  |
| └TotalAllocatedPoints | N | Integer | 10 |  |
| └TotalAllocatedBasePoints | N | Integer | 10 |  |
| └GrossDollarAmount | N | String | 10 |  |
| └EligibleDollarAmount | N | String | 10 |  |
| Bonuses | Y |  |  | Only once it should be, not more than once |
| └Bonus |  |  |  |  |
| └BonusID | Y | String |  |  |
| └BonusName | Y | String | 20 |  |
| └BonusDescription | Y | String | 100 |  |
| └TotalAllocatedPoints | Y | Integer | 10 |  |
| └BonusPoints | N | Integer | 10 |  |

## Get Member Activity

This service is used to get the all the transaction done by the user between the mentioned Start Date and End Date.

**GetMemberActivityRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MemberNumber | Y | String | 18 |  |
| StartDTTM | Y | DateTime |  |  |
| EndDTTM | Y | DateTime |  |  |

**GetMemberActivityReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | Y | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |
| MemberNumber | Y | String | 18 |  |
| StartDTTM | Y | DateTime |  |  |
| EndDTTM | Y | DateTime |  |  |
| StartingBalance | N | Integer | 10 |  |
| EndingBalance | N | Integer | 10 |  |
| TotalEarned | N | Integer | 10 |  |
| TotalRedeemed | N | Integer | 10 |  |
| TotalExpired | N | Integer | 9 |  |
| TransactionDetails | Y |  |  | Only once |
| └TransactionDetail |  |  |  |  |
| └TransactionDTTM | Y | DateTime |  |  |
| └TransactionID | Y | String | 16 |  |
| └TransactionDescription | Y | String | 100 |  |
| └TransactionType | Y | String | 1 |  |
| └TotalPoints | Y | Integer | 10 |  |
| └TotalBasePoints |  | Integer | 10 |  |
| └TotalBonusPoints |  | Integer | 10 |  |
| └TotalPointsRedeemed |  | Integer | 10 |  |
| └StoreLocation | Y | String | 10 |  |
| └StoreFormat | Y | String | 6 |  |

## Get Member Lookup.

This service displays certain member primary profile parameters using one of the following selection criteria:

* First and Last name
* Email address
* Member Number, First name and Zip code
* Phone number (any type of phone, not restricted to primary)
* Member Number

**GetMemberLookupRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MemberNumber | N | String | 18 |  |
| EmailAddress | N | String | 80 |  |
| PhoneNumber | N | String | 20 |  |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId),could be blank |
| SearchType | Y | String | 1 | 1.  Search based on name.  First and last name are required.  2.  Search based on email address.  Email is required.  3.  Search to support adding to profile.  Club Id (member number), first name and zip code are required.  4.  Search based on phone number.  Home phone or mobile phone required.  5   Search based on Club Id number (Member Number).  Member number required |
| CurrentDate | N | Date |  | YYYY-DD-MM |
| CurrentTime | N | String | 8 | HH:MM:SS |
| MaxRecords | Y | Integer |  | Default is 50 |
| FirstName | N | String | 30 |  |
| LastName | N | String | 30 |  |
| ZipCode | N | String | 6 | Upto six characters |

**GetMemberLookupReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | Y | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |
| ResponseDate | Y | Date |  |  |
| ResponseTime | Y | Time |  |  |
| NumRecordsReturned | Y | Integer |  |  |
| Members | N |  |  | 0 or 1 only |
| └ Member |  |  |  |  |
| └EmailAddress | Y | String | 80 |  |
| └Prefix | N | String | 10 |  |
| └Suffix | Y | String | 4 |  |
| └FirstName | Y | String | 30 |  |
| └MiddleInitial | Y | String | 1 |  |
| └LastName | Y | String | 30 |  |
| └Address1 | Y | String | 40 |  |
| └Address2 | Y | String | 40 |  |
| └City | Y | String | 30 |  |
| └State | Y | String | 2 |  |
| └ZipCode | Y | String | 6 | Upto six characters |
| └ZipCodeExtension | Y | String | 4 |  |
| └MemberNumber | Y | String | 18 |  |
| └ClubStatus | Y | String | 1 |  |
| └CreatedBy | Y | String | 12 |  |
| └DateIssued | Y | String | 10 | Format YYYY-MM-DD |
| └MemberSinceDate | Y | String | 10 | Format is YYYY-MM-DD followed by spaces |
| └ClubDNPStatus | Y | String | 1 | M - Value M  P - Value P  B - Value B  Y - Value Yes  N - Value No |
| └AgeEligibile | Y | String | 1 |  |
| └DOB | Y | String | 10 | Format YYYY-MM-DD |
| └OnlineValidationFlag | Y | String | 1 |  |
| └OnlineValidationDate | Y | String | 10 | Format is YYYY-MM-DD |
| └EnrollmentOfferCode | N | String | 10 |  |
| └WirelessPermissionFlag | Y | String | 1 | Values  “O”  “Y”  “N”  “” |
| └LanguagePreference | Y | String | 1 |  |
| └VIPTier | Y | String | 15 |  |
| └TotalSpentYTD | Y | String | 20 |  |
| └SpendNextTierLevel | Y | String | 20 |  |
| └CardDesignType | Y | String | 4 | Values  S  K  T  L  SEAR  KMRT  TGIS  LEND  VRTL  V |
| └SHCAssociateInd | Y | String | 1 | A – Current associate  R – Retired  N – Not associate |
| └RedeemablePointsInd |  | String | 1 |  |
| └TotalRedeemablePoints | Y | Integer | 10 |  |
| └EmailStatusReturn | Y | String | 1 | ' '- Good email  'A' - Abuse  'D' - dropped bad domain  'M' - Missing Email  'B' - Bounceback  'N' - Do not ask for email |
| └RedemptionSystemCode | Y | String | 1 | Default is M  Values  M  V |
| └ClubEmailOptStatus | Y | String | 1 | Values  “1”  “Y”  “N”  “” |
| └SearchType | Y | String | 1 | 1.  Search based on name.  First and last name are required.  2.  Search based on email address.  Email is required.  3.  Search to support adding to profile.  Club Id (member number), first name and zip code are required.  4.  Search based on phone number.  Home phone or mobile phone required.  5   Search based on Club Id number (Member Number).  Member number required |
| └Deceased | Y | String | 2 |  |
| └CountryCode | Y | String |  | Default is ”US” |
| └msg1 | Y | String |  |  |
| └msg2 | Y | String |  |  |
| └msg3 | Y | String |  |  |
| └msg4 | Y | String |  |  |
| └msg5 | Y | String |  |  |
| *└*PhoneNumbers |  |  |  |  |
| └Phone |  | Phone |  |  |
| └PhoneType | Y | String | 10 |  |
| └PreferredPhoneType | Y | String | 1 |  |
| └PhoneNumber | Y | String | 20 |  |
| └ IncompleteProfileInd | Y | String | 1 | Values  Y  N |

## Request Points Credit

This service captures the Missing Transaction claim that is raised by the customer or a customer care agent on behalf of the customer.

**RequestPointsCreditRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MemberNumber | N | String | 18 |  |
| StoreNumber | N | String | 5 | Identifies which store |
| TransactionID | N | String | 16 |  |
| Terminal | N | String | 3 | Terminal or register number  for POS |
| TransactionDTTM | N | String |  |  |
| ReturnCode | N | String | 20 | Kmart is 16 and Sears is 20 |
| SalesCheckNumber | N | String | 30 |  |
| ContractNumber | N | String | 12 |  |
| LayawayNumber | N | String | 12 |  |
| StoreFlag | Y | String | 5 | SEARS - For Sears store  KMART - For Kmart store |
| FinalPaymentDate | N | String | 10 | Format is YYYY-MM-DD. This is the final date of payment associated with a layaway transaction only. |

**RequestPointsCreditReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | N | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |
| MemberNumber | N | String | 18 |  |
| StoreFlag | Y | String | 5 | SEARS - For Sears store  KMART - For Kmart store |
| StoreNumber | N | String | 5 | Identifies which store |
| TransactionID | N | String | 16 |  |
| Terminal | N | String | 3 | Terminal or register number  for POS |
| TransactionDTTM | N | String |  |  |
| ClaimNumber | N | String | 10 |  |
| SalesCheckNumber | N | String | 30 |  |

## Register Member

This service sets an attribute on the member confirming their online account registration.

**RegisterMemberRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MemberNumber | Y | String | 18 |  |
| EmailAddress | Y | String | 80 |  |
| ZipCode | Y | String | 6 | Upto six characters |
| ZipCodeExtension | N | String | 4 |  |
| SHCAssociateInd | Y | String | 1 | A – Current associate  R – Retired  N – Not associate |

**RegisterMemberReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | Y | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |

## Validate Pin

This service is used to validate the Pin associated with the SYWR Card Number (Member Id).

**ValidatePinRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MemberNumber | Y | String | 18 |  |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| CurrentDate | Y | Date |  | YYYY-DD-MM |
| CurrentTime | Y | String | 8 | HH:MM:SS |
| PinNumber | Y | String | 8 |  |

**ValidatePinReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | Y | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |

## Update Member

This service is used to update the basic information about the user such as the address and DOB etc.

**UpdateMemberRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MemberNumber | Y | String | 18 |  |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| StoreNumber | Y | String | 5 | Identifies which store |
| CurrentDate | Y | Date |  | YYYY-DD-MM |
| CurrentTime | Y | String | 8 | HH:MM:SS |
| Prefix | N | String | 10 |  |
| FirstName | Y | String | 30 |  |
| LastName | Y | String | 30 |  |
| MiddleInitial | N | String | 1 |  |
| Suffix | N | String | 4 |  |
| ClubMembershipUpdatedBy | Y | String | 12 |  |
| DateUpdated | Y | Date |  |  |
| DOB | N | String | 10 | Format YYYY-MM-DD |
| SHCAssociateInd | Y | String | 1 | A – Current associate  R – Retired  N – Not associate |
| WirelessPermissionFlag | Y | String | 1 | Values  “O”  “Y”  “N”  “” |
| LanguagePreference | N | String | 1 |  |
| Address1 | Y | String | 40 |  |
| Address2 | Y | String | 40 |  |
| City | Y | String | 30 |  |
| State | Y | String | 2 |  |
| ZipCode | Y | String | 6 | Upto six characters |
| ZipCodeExtension | Y | String | 4 |  |
| CountryCode | Y | String | 2 | Default is ”US” |
| EmailAddress | Y | String | 80 |  |
| ClubEmailOptStatus | N | String | 1 | Values  “1”  “Y”  “N”  “” |
| PhoneNumbers |  |  |  | 0 or 1 only |
| └Phone |  | Phone |  |  |
| └PhoneType | Y | String | 10 |  |
| └PreferredPhoneType | Y | String | 1 |  |
| └PhoneNumber | Y | String | 20 |  |

**UpdateMemberReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | N | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |
| ResponseDate | N | Date |  |  |
| ResponseTime | N | Time |  |  |
| NumRecordsReturned | N | Integer |  |  |
| Members | N |  |  | 0 or 1 only |
| └ Member |  |  |  |  |
| └EmailAddress | N | String | 80 |  |
| └Prefix | N | String | 10 |  |
| └Suffix | N | String | 4 |  |
| └FirstName | N | String | 30 |  |
| └MiddleInitial | N | String | 1 |  |
| └LastName | N | String | 30 |  |
| └Address1 | N | String | 40 |  |
| └Address2 | N | String | 40 |  |
| └City | N | String | 30 |  |
| └State | N | String | 2 |  |
| └ZipCode | N | String | 6 | Upto six characters |
| └ZipCodeExtension | N | String | 4 |  |
| └MemberNumber | N | String | 18 |  |
| └ClubStatus |  | String | 1 |  |
| └CreatedBy |  | String | 12 |  |
| └DateIssued |  | String | 10 | Format YYYY-MM-DD |
| └MemberSinceDate |  | String | 10 | Format is YYYY-MM-DD followed by spaces |
| └ClubDNPStatus | Y | String | 1 | M - Value M  P - Value P  B - Value B  Y - Value Yes  N - Value No |
| └AgeEligibile |  | String | 1 |  |
| └DOB |  | String | 10 | Format YYYY-MM-DD |
| └OnlineValidationFlag | N | String | 1 |  |
| └OnlineValidationDate |  | String | 10 | Format is YYYY-MM-DD |
| └EnrollmentOfferCode |  | String | 10 |  |
| └WirelessPermissionFlag |  | String | 1 | Values  “O”  “Y”  “N”  “” |
| └LanguagePreference |  | String | 1 |  |
| └VIPTier |  | String | 15 |  |
| └TotalSpentYTD |  | String | 20 |  |
| └SpendNextTierLevel |  | String | 20 |  |
| └CardDesignType | Y | String | 4 | Values  S  K  T  L  SEAR  KMRT  TGIS  LEND  VRTL  V |
| └SHCAssociateInd | Y | String | 1 | A – Current associate  R – Retired  N – Not associate |
| └RedeemablePointsInd |  | String | 1 |  |
| └TotalRedeemablePoints |  | Integer | 10 |  |
| └EmailStatusReturn | Y | String | 1 | ' '- Good email  'A' - Abuse  'D' - dropped bad domain  'M' - Missing Email  'B' - Bounceback  'N' - Do not ask for email |
| └RedemptionSystemCode | Y | String | 1 | Default is M  Values  M  V |
| └ClubEmailOptStatus | Y | String | 1 | Values  “1”  “Y”  “N”  “” |
| └SearchType | Y | String | 1 | 1.  Search based on name.  First and last name are required.  2.  Search based on email address.  Email is required.  3.  Search to support adding to profile.  Club Id (member number), first name and zip code are required.  4.  Search based on phone number.  Home phone or mobile phone required.  5   Search based on Club Id number (Member Number).  Member number required |
| └Deceased | Y | String | 2 |  |
| └CountryCode | Y | String |  | Default is ”US” |
| └msg1 | N | String |  |  |
| └msg2 | N | String |  |  |
| └msg3 | N | String |  |  |
| └msg4 | N | String |  |  |
| └msg5 | N | String |  |  |
| *└*PhoneNumbers |  |  |  |  |
| └Phone |  | Phone |  |  |
| └PhoneType | N | String | 10 |  |
| └PreferredPhoneType | N | String | 1 |  |
| └PhoneNumber | N | String | 20 |  |
| └ IncompleteProfileInd | Y | String | 1 | Values  Y  N |

## Get Rewards Balance

This service is used to check the reward balance on a SYWR Card (member Id).

**GetRewardBalanceRequest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| StoreNumber | Y | String | 5 | Identifies which store |
| CurrentDate | Y | Date |  | YYYY-DD-MM |
| CurrentTime | Y | String | 8 | HH:MM:SS |
| AssociateID | Y | String | 12 |  |
| MemberNumber | Y | String | 18 | Club member number |

**GetRewardBalanceReply**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element Name** | **Required (Y/N)** | **Data Type** | **Data Length** | **Description/Data Validations** |
| RequestorID | Y | String | 4 | [RequestorId](#_RequestorId) |
| Status | Y | String | 10 |  |
| StatusText | Y | String | 100 |  |
| ResponseType | N | String | 100 |  |
| MessageVersion | N | String | 3 | 2 Char(1.0) |
| MTServerName | Y | String | 20 |  |
| ErrorCode | N | String | 5 |  |
| ErrorDesc | N | String | 80 |  |
| headerType | N | String |  |  |
| versionNumber | N | String |  |  |
| serviceName | N | String |  |  |
| requesterUserId | N | String |  |  |
| messageOrientation | N | String |  |  |
| sequenceNumber | N | String |  |  |
| responseCode | N | String |  |  |
| responseDescription | N | String |  |  |
| MemberNumber | Y | String | 18 |  |
| AvailablePoints | Y | Integer | 10 |  |
| AvailableDollars | Y | Decimal | 20 |  |
| Multiplier | Y | Decimal | 10 |  |
| PointsToExpire | N | String |  |  |
| PointExpirationDate | N | String |  |  |

# RequestorId

**RequestorID**

|  |  |
| --- | --- |
| **Values** | **Description** |
| CRL |  |
| CSRP |  |
| FSA |  |
| HSCC |  |
| KHLG |  |
| KLGY |  |
| KMCC |  |
| LCOM |  |
| LECC |  |
| MCCR |  |
| MCNR |  |
| PRLB |  |
| SECC |  |
| SLGY |  |
| TGIC |  |
| TGIO |  |
| TGIS |  |
| NPOS | Sears POS |
| TPOS | Sears Auto Center POS |
| POS |  |
| KPOS | Kmart POS |
| SCOM | Sears.com |
| KCOM | Kmart.com |
| CCOM | Craftsman.com |
| KANA | .COM Customer Service |