

# ONEworks ONEbook Sportsbook Integration: Integration API

"The information presented herein this document is Confidential Information of ONEworks™ Limited ("ONEworks") created and owned by ONEworks and is also protected by copyright and applicable laws. Unauthorised use, copying, transmission and disclosure of such information to any person is strictly prohibited without ONEworks' prior written consent. In the absence of any specific agreement to the contrary, reverse engineering, recompilation and disassembly are prohibited in any event as to any information or software content/materials provided by ONEworks. While all efforts have been made to ensure that the content of this document is accurate at the time of publication, the data upon which this document is based is subject to future change at the sole and discretion of ONEworks. Updated versions of this document will be released when necessary, resources permitting."

## Table of Contents

Introduction .....	3
API Method .....	4
<i>CreateMember Method</i> .....	4
<i>UpdateMember Method</i> .....	6
<i>KickUser Method</i> .....	7
<i>CheckIsOnline Method</i> .....	8
<i>CheckUserBalance Method</i> .....	9
<i>FundTransfer Method</i> .....	10
<i>CheckFundTransfer Method</i> .....	12
<i>GetBetDetail Method</i> .....	13
<i>GetTeamName Method</i> .....	21
<i>GetLeagueName Method</i> .....	22
<i>GetGameDetail Method</i> .....	23
<i>SetMemberBetSetting Method</i> .....	24
<i>GetMemberBetSetting Method</i> .....	26
<i>GetBetSettingLimit Method</i> .....	27
<i>LockMember Method</i> .....	28
<i>UnlockMember Method</i> .....	29
<i>GetBetDetailByTransId Method</i> .....	30
Appendix .....	31
<i>BetType Table</i> .....	31
<i>Currency Table</i> .....	34
<i>Language Table</i> .....	35
<i>Sports Table</i> .....	36
<i>BetFrom Table</i> .....	38
<i>OddsType Table</i> .....	39
<i>GetBetDetail Response Information</i> .....	40
Vendor Integration .....	51
<i>Integration APIs Specification</i> .....	51

## Introduction

1. All API are using ISO-8601 as time format.
2. Using JSON for transmit data on API service.
3. Please refer to appendix for any IDs look up.

# API Method

## CreateMember Method

It is to create member data into Sportsbook. While creating members during downtime, the database is not able to receive data automatically. Thus, will have to create members manually during the maintenance time or wait until the maintenance time is over.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
Vendor_Member_ID	String	50	Yes	Vendor member ID.
OperatorId	String	50	Yes	Operator ID will be defined by vendor to identify operators.
FirstName	String	50	Yes	It is the first name of user.
LastName	String	50	Yes	It is the last name of user.
UserName	String	30	Yes	The user login ID.
OddsType	String		Yes	The odds type that user setup. Please refer to OddsType Table
Currency	int		Yes	The currency that user setup. Please refer to Currency Table
MaxTransfer	Decimal		Yes	Max Transfer between Sportsbook System and Licensee.
MinTransfer	Decimal		Yes	Min Transfer between Sportsbook System and Licensee.
CustomInfo1	String	200	No	Remark for vendor.
CustomInfo2	String	200	No	Remark for vendor.
CustomInfo3	String	200	No	Remark for vendor.
CustomInfo4	String	200	No	Remark for vendor.
CustomInfo5	String	200	No	Remark for vendor.

### Response

```
{
  "error_code": 0,
  "message": ""
}
```

## ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
2	Failed	User Name Dupliate
3	Failed	Language format error
4	Failed	Odds Type format error
5	Failed	Currency format error
6	Failed	Vendoe_Member ID Duplicate
7	Failed	MinTransfer > MaxTransfer
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## UpdateMember Method

It is to update member data into Sportsbook.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
Vendor_Member_ID	String	50	Yes	Vendor member ID.
FirstName	String	50	Yes	It is the first name of user.
LastName	String	50	Yes	It is the last name of user.
MaxTransfer	Decimal		Yes	Max Transfer between Sportsbook System and Licensee.
MinTransfer	Decimal		Yes	Min Transfer between Sportsbook System and Licensee.
CustomInfo1	String	200	No	Remark for vendor.
CustomInfo2	String	200	No	Remark for vendor.
CustomInfo3	String	200	No	Remark for Vendor.
CustomInfo4	String	200	No	Remark for Vendor.
CustomInfo5	String	200	No	Remark for Vendor.

### Response

```
{
  "error_code": 0,
  "message": ""
}
```

### ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
2	Failed	User does not exist
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## KickUser Method

It is to kick out member from Sportsbook.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
vendor_member_id	String	50	Yes	Vendor member ID.

### Response

```
{
  "error_code": 0,
  "message": ""
}
```

### ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
2	Failed	User does not exist
3	Failed	User is not online
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## ChecksOnline Method

Checking if user is online on Sportsbook.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
vendor_member_ids	String	5100	Yes	Vendor member ID. (Separate with ",").

### Response

```
{
  "error_code": 0,
  "message": ""
  "Data":[
    {
      "vendor_member_id":"Member001",
      "is_online":true
    },
    {
      "vendor_member_id":"Member002",
      "is_online":false
    }
  ]
}
```

### ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## CheckUserBalance Method

Checking if user balance is on Sportsbook.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
vendor_member_ids	String	5100	Yes	Vendor member ID. (Separate with ",").

### Response

```
{
  "error_code": 0,
  "message": "",
  "Data":[
    {
      "vendor_member_id":"Member001",
      "balance":100,
      "outstanding":100,
      "currency":20,
      "error_code ":0
    },
    {
      "vendor_member_id":"Member002",
      "balance":200,
      "outstanding":0,
      "currency":20
      "error_code ":0
    }
  ]
}
```

### ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
2	Failed	User does not exist
6	Failed	User has never transferred money
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## FundTransfer Method

The amount of fund is transferred between Sportsbook and Vendor.

### Request

Parameters	Data Type	Data Length	Mandatory	Description				
vendor_id	String	50	Yes	It is to verify different vendor				
vendor_member_id	String	50	Yes	Vendor member ID.				
vendor_trans_id	String	50	Yes	The transaction ID is on current fun transfer for vendor				
amount	Decimal	12.2	Yes	The total amount that user wants to transfer.				
currency	Int		Yes	The currency that user use.				
direction	Int		Yes	The direction that funds transfer. <table border="1"> <tr> <td>0</td> <td>Sportsbook to Vendor(Withdraw)</td> </tr> <tr> <td>1</td> <td>Vendor to Sportsbook(Deposit)</td> </tr> </table>	0	Sportsbook to Vendor(Withdraw)	1	Vendor to Sportsbook(Deposit)
0	Sportsbook to Vendor(Withdraw)							
1	Vendor to Sportsbook(Deposit)							

### Response

```
{
  "error_code": 0,
  "message": "",
  "Data":{
    "trans_id":9535717,
    "before_amount":100,
    "after_amount":200,
    "status":0
  }
}
```

### Status Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	System Error
2	Pending	Status unknow. Please call CheckFundTransfer Method to confirm

## ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Pending	Failed during executed.
2	Failed	User does not exist
3	Failed	Extend user balance
4	Failed	Lower or Greater than min or max transfer
5	Failed	Repeated same transfer ID
6	Failed	Currency Error
9	Failed	Invalid vendor_id
10	Failed	System Under maintenance

## CheckFundTransfer Method

It is to check fund transfer status.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
vendor_trans_id	String	50	Yes	The transaction ID is on current fund transfer for vendor

### Response

```
{
  "error_code": 0,
  "message": "",
  "Data":{
    "trans_id":9535717,
    "transfer_date":"2013-10-05T13:20:00",
    "amount":100,
    "currency":20,
    "before_amount":100,
    "after_amount":200,
    "status":0
  }
}
```

### Status Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	System Error
2	Pending	Status unknown. Please call CheckFundTransfer Method to confirm

### ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
2	Failed	Transaction record does not exist
3	Failed	Extend user balance
4	Failed	Lower or Greater than min or max transfer
5	Failed	Repeated same transfer ID
9	Failed	Invalidate vendor_id
10	Failed	System Under maintenance

## GetBetDetail Method

It is to get next 100 betting transactions detail which depends on version ID key.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
version_key	Int64		Yes	The biggest version ID is on Vendor system.
options	String	50	No	"team_version" or "league_version" or both "team_version,league_version"

### Response

```
{
  "error_code": 0,
  "message": "",
  "Data": {
    "last_version_key": 7953688,
    "BetDetails": [
      {
        "trans_id": 5085106130,
        "vender_member_id": "Member001",
        "operator_id": "LIC",
        "league_id": null,
        "match_id": 9,
        "home_id": null,
        "away_id": null,
        "match_datetime": "2013-10-22T00:00:00",
        "sport_type": null,
        "bet_type": 9,
        "parlay_ref_no": 100345538284,
        "odds": 45.8767,
        "stake": 38,
        "transaction_time": "2013-10-22T05:19:23.077",
        "ticket_status": "running",
        "winlost_amount": -38,
        "after_amount": 0,
        "currency": 13,
        "winlost_datetime": "2013-10-22T00:00:00",
        "odds_type": 1,
        "bet_team": "a",
        "home_hdp": 0,

```

```

"away_hdp": 0,
"hdp": null,
"betfrom": "d",
"islive": "0",
"home_score": null,
"away_score": null,
"customInfo1": "",
"customInfo2": "",
"customInfo3": "",
"customInfo4": "",
"customInfo5": "",
"ba_status": "0",
"version_key": 3216534,
"ParlayData": [
  {
    "league_id": 81,
    "match_id": 6231881,
    "home_id": 725,
    "away_id": 64,
    "match_datetime": "2013-10-22T00:00:00",
    "odds": 1.85,
    "bet_type": 3,
    "bet_team": "h",
    "sport_type": 1,
    "home_hdp": 2.5,
    "away_hdp": 0,
    "hdp": 2.5,
    "islive": "0",
    "home_score": null,
    "away_score": null,
    "winlost": "",
    "winlost_datetime": "0001-01-01T00:00:00"
  }
],
{
  "trans_id": 5085109000,
  "vender_member_id": "Member001",
  "operator_id": "LIC",
  "league_id": 31682,
  "match_id": 6302342,
  "home_id": 228497,
  "away_id": 228495,
  "match_datetime": "2013-10-22T04:59:00",

```

```

        "sport_type": 1,
        "bet_type": 3,
        "parlay_ref_no": 0,
        "odds": 1.29,
        "stake": 40,
        "transaction_time": "2013-10-22T05:21:22.693",
        "ticket_status": "running",
        "winlost_amount": -40,
        "after_amount": 0.8,
        "currency": 13,
        "winlost_datetime": "2013-10-22T00:00:00",
        "odds_type": 2,
        "bet_team": "a",
        "home_hdp": 5.25,
        "away_hdp": 0,
        "hdp": 5.25,
        "betfrom": "d",
        "islive": "1",
        "home_score": 0,
        "away_score": 0,
        "customInfo1": "",
        "customInfo2": "",
        "customInfo3": "",
        "customInfo4": "",
        "customInfo5": "",
        "ba_status": "0",
        "version_key": 3216818,
        "ParlayData": null
    }
],
"BetHorseDetails": [
    {
        "trans_id": 5047582798,
        "vender_member_id": "Member001",
        "operator_id": "LIC",
        "league_id": 29304,
        "program_id": "U50",
        "match_datetime": "2013-10-11T15:02:00",
        "sport_type": 152,
        "bet_type": 33,
        "odds": 0,
        "stake": 60,
        "transaction_time": "2013-10-11T03:02:14.75",
        "ticket_status": "LOSE",
    }
]

```

```

        "winlost_amount": -60,
        "after_amount": 2642.625,
        "currency": 13,
        "winlost_datetime": "2013-10-11T00:00:00",
        "racenumber": "8",
        "racelane": "4",
        "bet_team": "224899",
        "betfrom": "d",
        "comm": 1.8,
        "customInfo1": null,
        "customInfo2": null,
        "customInfo3": null,
        "customInfo4": null,
        "customInfo5": null,
        "ba_status": "0",
        "version_key": 37849378,
        "WinPlaceData": [
            {
                "odds": 1.5,
                "bet_type": 31,
                "bet_team": "224899",
                "stake": 100
            },
            {
                "odds": 1.7,
                "bet_type": 32,
                "bet_team": "224899",
                "stake": 100
            }
        ]
    },
    {
        "trans_id": 5047600414,
        "vender_member_id": "Member001",
        "operator_id": "LIC",
        "league_id": 29280,
        "program_id": "U1S",
        "match_datetime": "2013-10-11T15:10:00",
        "sport_type": 152,
        "bet_type": 31,
        "odds": 2.2,
        "stake": 10,
        "transaction_time": "2013-10-11T03:10:31.14",
        "ticket_status": "WON",
    }

```

```
"winlost_amount": 12,
"after_amount": 12.3031,
"currency": 3,
"winlost_datetime": "2013-10-11T00:00:00",
"racenumber": "8",
"racelane": "4",
"bet_team": "226378",
"betfrom": "d",
"comm": 0.3,
"customInfo1": null,
"customInfo2": null,
"customInfo3": null,
"customInfo4": null,
"customInfo5": null,
"ba_status": "0",
"version_key": 37850684,
"WinPlaceData": null
}
],
"BetLiveCasinoDetails": [
{
"trans_id": 5085019234,
"vender_member_id": "Member001",
"operator_id": "LIC",
"match_id": 6311334,
"sport_type": 162,
"table_no": null,
"hand_no": null,
"shoe_no": null,
"bet_type": 1101,
"odds": 0,
"stake": 20,
"transaction_time": "2013-10-22T04:06:28.137",
"ticket_status": "LOSE",
"winlost_amount": -20,
"after_amount": 1148,
"currency": 13,
"winlost_datetime": "2013-10-22T00:00:00",
"odds_type": 2,
"bet_team": "",
"customInfo1": "",
"customInfo2": "",
"customInfo3": "",
"customInfo4": ""
```

```
        "customInfo5": "",
        "ba_status": "0",
        "version_key": 3212720
    }
],
"BetNumberDetails": [
    {
        "trans_id": 5084904859,
        "vender_member_id": " Member001",
        "operator_id": "LIC",
        "match_id": 6306645,
        "transaction_time": "2013-10-22T02:47:11.723",
        "odds": 0.81,
        "stake": 101,
        "ticket_status": "LOSE",
        "betfrom": "d",
        "islive": "1",
        "last_ball_no": 21,
        "bet_team": "h",
        "winlost_datetime": "2013-10-22T00:00:00",
        "bet_type": 85,
        "currency": 13,
        "odds_type": 2,
        "winlost_amount": -101,
        "after_amount": 0.57,
        "sport_type": 161,
        "customInfo1": "",
        "customInfo2": "",
        "customInfo3": "",
        "customInfo4": "",
        "customInfo5": "",
        "ba_status": "0",
        "version_key": 3207516
    }
],
"BetVirtualSportDetails": [
    {
        "trans_id": 5047570962,
        "vender_member_id": "Member001",
        "operator_id": "LIC",
        "league_id": 26061,
        "match_id": 6175170,
        "home_id": 178434,
        "away_id": 178462,
```

```

        "sport_type": 180,
        "bet_type": 1201,
        "odds": 2,
        "stake": 3,
        "transaction_time": "2013-10-11T02:44:15.55",
        "ticket_status": "LOSE",
        "winlost_amount": -3,
        "after_amount": 235.2858,
        "currency": 13,
        "winlost_datetime": "2013-10-11T00:00:00",
        "odds_type": 1,
        "bet_team": "h",
        "home_hdp": 1,
        "away_hdp": 0,
        "hdp": -1,
        "betfrom": "d",
        "customInfo1": null,
        "customInfo2": null,
        "customInfo3": null,
        "customInfo4": null,
        "customInfo5": null,
        "ba_status": "0",
        "version_key": 37849557
    }
],
"TeamVersion": [
    {
        "team_id": 216668,
        "version_key": 543199169
    },
    {
        "team_id": 5666,
        "version_key": 98067308
    }
],
"LeagueVersion": [
    {
        "league_id": 22353,
        "version_key": 694506842
    },
    {
        "league_id": 2129,
        "version_key": 694485431
    }
]

```

```

    ],
    "BetCasinoDetails": [
      {
        "trans_id": 6484699045,
        "vendor_member_id": "Member001",
        "operator_id": "LIC",
        "sport_type": 251,
        "bet_type": 71,
        "stake": 130,
        "transaction_time": "2014-10-22T06:26:29.82",
        "ticket_status": "LOSE",
        "winlost_amount": -5,
        "currency": 20,
        "winlost_datetime": "2014-10-22T00:00:00",
        "customInfo1": "",
        "customInfo2": "",
        "customInfo3": "",
        "customInfo4": "",
        "customInfo5": "",
        "ba_status": "0",
        "version_key": 322093
      }
    ]
  }
}

```

## ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## GetTeamName Method

It is to get team name on Sportsbook.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
team_id	Int		Yes	Game system specified team ID
bet_type	Int		Yes	

### Response

```
{
  "error_code": 0,
  "message": "",
  "Data": {
    "version_key": 38033174,
    "names": [
      {
        "lang": "en",
        "name": "Erzgebirge Aue"
      },
      {
        "lang": "cs",
        "name": "艾格比治"
      },
      {
        "lang": "ch",
        "name": "艾格比治"
      },
      {
        "lang": "jp",
        "name": "エルツゲビルゲ"
      },
      {
        "lang": "ko",
        "name": "에르츠게비르케 아우에"
      },
      {
        "lang": "th",
        "name": "Erzgebirge Aue"
      }
    ]
  }
}
```

### ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
2	Failed	Input parameter error
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## GetLeagueName Method

It is to get league name on Sportsbook

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
league_id	Int		Yes	Game system specified league ID

### Response

```
{
  "error_code": 0,
  "message": "",
  "Data": {
    "version_key": 38005498,
    "names": [
      {
        "lang": "en",
        "name": "*SPAIN PRIMERA LALIGA"
      },
      {
        "lang": "cs",
        "name": "*西班牙甲组联赛"
      },
      {
        "lang": "ch",
        "name": "*西班牙甲组联赛"
      },
      {
        "lang": "jp",
        "name": "*スペイン リーガ・ エスパニョーラ"
      },
      {
        "lang": "ko",
        "name": "*스페인 프리메라 LA 리가"
      },
      {
        "lang": "th",
        "name": "*SPAIN PRIMERA LALIGA"
      }
    ]
  }
}
```

### ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
2	Failed	Input parameter error
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## GetGameDetail Method

It is to get of information game by match ID.

### Request

Parameters	Type	Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
match_ids	strings	5100	Yes	Game system specified match ID, split by ","

### Response

```
{
  "error_code": 0,
  "message": "",
  "Data": [
    {
      "match_id": 6302342,
      "league_id": 31682,
      "home_id": 228497,
      "away_id": 228495,
      "home_score": 3,
      "away_score": 3,
      "ht_home_score": 3,
      "ht_away_score": 1,
      "game_status": "Close",
      "sport_type": 1
    },
    {
      "match_id": 10937435,
      "league_id": 28680,
      "home_id": 0,
      "away_id": 0,
      "home_score": 3,
      "away_score": 6,
      "ht_home_score": 0,
      "ht_away_score": 0,
      "game_status": "Close",
      "win_item": "Banker,Big,Banker Pair",
      "sport_type": 162,
      "table_no": "11",
      "shoe_no": "19",
      "hand_no": "033"
    }
  ]
}
```

### ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
2	Failed	Input parameter error
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## SetMemberBetSetting Method

Members of Sportsbook bet limit set. Members fund transfer before it can be used, and members can start to play after setting.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
vendor_member_id	String	50	Yes	Vendor member ID.
bet_setting	JSON String	[		<pre> {   "sport_type": "1",   "min_bet": 1,   "max_bet": 2,   "max_bet_per_match": 3 }, {   "sport_type": "2",   "min_bet": 1,   "max_bet": 2,   "max_bet_per_match": 3 }, {   "sport_type": "99MP",   "min_bet": 1,   "max_bet": 2,   "max_bet_per_match": 3 }, {   "sport_type": "161",   "min_bet": 1,   "max_bet": 2,   "max_bet_per_match": 3   "max_bet_per_ball": 3 } ]                     </pre>

Property	Type	Description
sport_type	String	Please refer Sports Table Necessary :{ "1", "2", "3", "5", "8", "10", "11", "99" } Others :{ "99MP", "151", "161", "180" }
min_bet	Int	
max_bet	Int	
max_bet_per_match	Int	
max_bet_per_ball	Int	When sport_type=161(Number Game), must set value of this

## Response

```
{
  "error_code": 0,
  "message": ""
}
```

## ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
2	Failed	User does not exist
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## GetMemberBetSetting Method

It is to get members setting of betting limit.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
vendor_member_id	String	50	Yes	Vendor member ID.

### Response

```
{
  "error_code": 0,
  "message": "",
  "Data": [
    {
      "sport_type": "1",
      "min_bet": 100,
      "max_bet": 5000,
      "max_bet_per_match": 10000
    },
    {
      "sport_type": "2",
      "min_bet": 100,
      "max_bet": 5000,
      "max_bet_per_match": 10000
    },
    {
      "sport_type": "99MP",
      "min_bet": 100,
      "max_bet": 5000,
      "max_bet_per_match": 10000
    },
    {
      "sport_type": "161",
      "min_bet": 100,
      "max_bet": 5000,
      "max_bet_per_match": 10000,
      "max_bet_per_ball": 10000
    }
  ]
}
```

### ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
2	Failed	User does not exist
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## GetBetSettingLimit Method

It is to get currency setting of betting limit.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
currency	int		Yes	The currency of the setting..

### Response

```
{
  "error_code": 0,
  "message": "",
  "Data": [
    {
      "sport_type": "1",
      "min_bet": 100,
      "max_bet": 5000,
      "max_bet_per_match": 10000
    },
    {
      "sport_type": "2",
      "min_bet": 100,
      "max_bet": 5000,
      "max_bet_per_match": 10000
    },
    {
      "sport_type": "99MP",
      "min_bet": 100,
      "max_bet": 5000,
      "max_bet_per_match": 10000
    },
    {
      "sport_type": "161",
      "min_bet": 100,
      "max_bet": 5000,
      "max_bet_per_match": 10000,
      "max_bet_per_ball": 10000
    }
  ]
}
```

### ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
2	Failed	Currency does not exist
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## LockMember Method

It is to lock member from Sportsbook.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
vendor_member_id	String	50	Yes	Vendor member ID.

### Response

```
{
  "error_code": 0,
  "message": ""
}
```

### ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
2	Failed	User does not exist on Sportsbook
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## UnlockMember Method

It is to unlock member from Sportsbook.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
vendor_member_id	String	50	Yes	Vendor member ID.

### Response

```
{
  "error_code": 0,
  "message": ""
}
```

### ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
2	Failed	User does not exist
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

## GetBetDetailByTransId Method

It is to get betting details by trans\_id.

### Request

Parameters	Data Type	Data Length	Mandatory	Description
vendor_id	String	50	Yes	It is to verify different vendor
trans_id	Int64		Yes	
options	String	50	No	"team_version" or "league_version" or both "team_version,league_version"

### Response

Format Same as [GetBetDetail], but only response one record.

### ErrorCode Enumeration

Code	Text	Description
0	OK	Successfully executed
1	Failed	Failed during executed
9	Failed	Invalidate vendor_id
10	Failed	System is under maintenance

# Appendix

## BetType Table

Bet type Table is defined by Sportsbook.

BetType	Type Name
1	Handicap
2	Odd/Even
3	Over/Under
4	Correct Score
5	FT.1X2
6	Total Goal
7	1st Handicap
8	1st Over/Under
9	Mix Parlay
10	Outright
11	Total Corners
12	1st Odds/Even
13	Clean Sheet
14	First Goal/Last Goal
15	1st 1X2
16	HT/FT
17	2nd HDP
18	2nd Over/Under
19	Substitutes
20	Money Line
21	1 <sup>st</sup> Money Line
22	Next Goal
23	Next Corner
24	Double chance
25	Draw No Bet
26	Both/One/Neither team to score
27	To win to nil
28	3-way handicap
29	System Parlay
30	1st Correct Score
31	Win (Horse Racing)
32	Place (Horse Racing)
33	Win/Place (Horse Racing)
41	Win. UK Tote (Horse Racing)
42	Place. UK Tote (Horse Racing)
43	Win/Place. UK Tote (Horse Racing)
71	Casino Games

81	1st ball O/U (Number Game)
82	Last ball O/U (Number Game)
83	1st ball O/E (Number Game)
84	Last ball O/E (Number Game)
85	Over/Under (Number Game)
86	Odd/Even (Number Game)
87	Next High/Low (Number Game)
88	Warrior (Number Game)
89	Next Combo (Number Game)
90	Number wheel (Number Game)
121	Home No Bet
122	Away No Bet
123	Draw / No Draw
124	FT.1X2 HDP
125	1st 1X2 HDP
126	1H Total Goal
127	1H First Goal/Last Goal
128	HT/FT Odd/Even
133	Home To Win Both Halves
134	Away To Win Both Halves
135	Penalty Shootout
140	Highest Scoring Half
141	Highest Scoring Half Home Team
142	Highest Scoring Half Away Team
145	Both Teams To Score
146	2nd Half Both Teams To Score
147	Home To Score In Both Halves
148	Away To Score In Both Halves
149	Home To Win Either Half
150	Away To Win Either Half
151	1st Half Double Chance
152	Half Time/Full Time Correct Score
1101	Party Baccarat
1102	Party Roulette
1103	Live Baccarat
1104	Live Roulette
1201	Handicap (Virtual Soccer)
1203	Over/Under 2.5 Goals (Virtual Soccer)
1204	Correct Score (Virtual Soccer)
1205	1X2 (Virtual Soccer)
1206	Total Goal (Virtual Soccer)
1220	Player Win (Virtual Tennis)
1224	Double chance (Virtual Soccer)
1231	Win (Virtual Horse Racing)

1232	Place (Virtual Horse Racing)
1233	Win/Place (Virtual Horse Racing)
1235	Score Bet (Virtual Tennis)
1236	Total Points (Virtual Tennis)
1237	Forecast (Virtual Horse Racing)
1238	Tricast(Virtual Horse Racing)
153	Game Handicap
154	Set x Winner
155	Set x Game Handicap
156	Set x Total Game O/U
1301	Match Winner
1302	Match Correct Score
1303	Set Handicap
1305	Match Total Games Odd/Even
1306	Match Total Games Over/under
1308	Match Games Handicap
1311	Set x Winner
1312	Set x Total Games
1316	Set x Game Handicap
1317	Set x Correct Score
1318	Set x Total Game Odd/Even
1324	Set x Game y Winner

## Currency Table

Currency Table is defined by Sportsbook

Currency ID	ISO Code	ISO Name
1	SGD	Singapore Dollar
2	MYR	Malaysian Ringgit
3	USD	US Dollar
4	THB	Thai Baht
5	HKD	Hong Kong Dollar
6	EUR	Euro
9	AUD	Australian Dollar
12	GBP	British Pound
13	RMB	Chinese Renminbi
15	IDR	Indonesia Rupiah
<b>20</b>	<b>UUS</b>	<b>Virtual Dollar (for testing propose)</b>
32	JAP	Japan Yen
41	CHF	Swiss Franc
45	WON	Korean Won
46	BND	Brunei Dollar
49	MXN	Mexican Peso
50	CAN	Canadian Dollar
51	VND	Vietnamese Dong
52	DKK	Danish Krone
53	SEK	Swedish Krona
54	NOK	Norwegian Krone
55	RUB	Russian Ruble
56	PLN	Polish Zloty
57	CZK	Czech Koruny
58	RON	Romanian Leu
61	INR	Indian Rupee

## Language Table

Language Table is defined by Sportsbook

Language ID	Language
en	English
cs	Simple Chinese
ch	Tridonal Chinese
ko	Korean
jp	Japanese
th	Thai
vn	Vietnamese
es	Spanish
mx	Méxican
de	Deutsch
el	Greek
es	Spanish
id	Indonesian
it	Italian
pl	Polish
ru	Russian
hu	Hungarian
ro	Romanian

## Sports Table

Sport Table is defined by Sportsbook

Sport Type	Sport
1	Soccer
2	Basketball
3	Football
4	Ice Hockey
5	Tennis
6	Volleyball
7	Billiards
8	Baseball
9	Badminton
10	Golf
11	Motorsports
12	Swimming
13	Politics
14	Water Polo
15	Diving
16	Boxing
17	Archery
18	Table Tennis
19	Weightlifting
20	Canoeing
21	Gymnastics
22	Athletics
23	Equestrian
24	Handball
25	Darts
26	Rugby
27	Cricket
28	Field Hockey
29	Winter Sport
30	Squash
31	Entertainment
32	Net Ball
33	Cycling
34	Fencing
35	Judo
36	M. Pentathlon
37	Rowing
38	Sailing
39	Shooting
40	Taekwondo
41	Triathlon

Sport Type	Sport
42	Wrestling
43	E Sports
99	Other Sports
151	Horse Racing
152	Greyhounds
153	Harness
154	HorseRacing FixedOdds
161	Number Game
162	Live Casino
180	Virtual Soccer
181	Virtual Horse Racing
182	Virtual Greyhound
183	Virtual Speedway
184	Virtual F1
185	Virtual Cycling
186	Virtual Tennis
202	Keno
251	Casino

## BetFrom Table

BetFrom Type Table is defined by Sportsbook

ID	Define
d	Web site
w	Wap site
l	Smart site

## OddsType Table

Odds Type Table is defined by Sportsbook

ID	Define
1	Malay Odds
2	Hong Kong Odds
3	Decimal Odds
4	Indo Odds
5	American Odds

## GetBetDetail Response Information

### Bet\_Info

trans_id (key)	The bet ID on Sporsbook
vender_member_id	Vendor's member id
operator_id	Operator id
league_id	League id
match_id	Match id
home_id	Home team id
away_id	Away team id
match_datetime	Match kick off time
sport_type	Sports type
bet_type	Bet type
parlary_ref_no	For parlay tickets, use this to check parlay ID from parlary_info
odds	The odds for the ticket
stake	The bet amount member placed.
winlost	The ticket result
transaction_time	The transaction time in which bet was placed.
ticket_status	The status of the ticket
winlost_amount	The final win lose of the ticket
currency	Currency id
winlost_datetime	The time in which the win lose is finalized.
odds_type	Odds type
bet_team	The team/side that customer placed bet on.
home_hdp	Home team handicap
away_hdp	Away team handicap
hdp	Handicap
betfrom	The platform in which the bet came from.
islive	Whether the game is live or not.
home_score	The home team's final score.
away_score	The away team's final score
customInfo1	Custom information for customers during registration.
customInfo2	Custom information for customers during registration.
customInfo3	Custom information for customers during registration.
customInfo4	Custom information for customers during registration.
customInfo5	Custom information for customers during registration.
version_key	The version key of the ticket
error_code	The error code

## Parlay\_info

parlary_detail ref_no (key)	The parlay id on Sportsbook
parlary_ref_no	The parlay id on Sportsbook
league_id	League id
match_id	Match id
home_id	Home team id
away_id	Away team id
match_datetime	Match kick off time
odds	The odds for the ticket
bet_type	Bet type
bet_team	The team/side that customer placed bet on.
sport_type	Sports type.
home_hdp	Home team's handicap.
away_hdp	Away team's handicap.
hdp	Handicap
error_code	The error code

## Bettype Information

1	Handicap
	<p>Ex:</p> <pre>"bet_team": "h", "home_hdp": 0, "away_hdp": 0.75, "hdp": 0.75,</pre> <p>bet_team possible values:</p> <p>h : bet home team win a : bet away team win</p> <p>The handicap value should be taken from the relevant field: If bet_team = h then hdp = away_hdp - home_hdp If bet_team = a then hdp = home_hdp - away_hdp</p>
2	Odd/Even
	<p>Ex:</p> <pre>"bet_team": "h",</pre> <p>bet_team possible values:</p> <p>h : bet ODD a : bet EVEN</p>
3	Over/Under
	<p>Ex:</p> <pre>"bet_team": "h", "home_hdp": 1,</pre>

	<p>bet_team possible values:</p> <p>h : bet Over</p> <p>a : bet Under</p> <p>Only home_hdp field is used for the value</p>
4	<p><b>Correct Score</b></p> <p>Ex:</p> <p>"bet_team": "3:2",</p> <p>In this case the bet is on 3 goals for home team and 2 for away team</p>
5	<p><b>FT.1X2</b></p> <p>Ex:</p> <p>"bet_team": "1",</p> <p>bet_team possible values:</p> <p>1 : bet home team win</p> <p>2 : bet away team win</p> <p>x : bet the game end in a draw</p>
6	<p><b>Total Goal</b></p> <p>Ex:</p> <p>"bet_team": "0-1",</p> <p>the value of the # of goals</p> <p>bet_team possible values:</p> <p>0-1</p> <p>2-3</p> <p>4-6</p> <p>7-over</p>
7	<p><b>1st Handicap</b></p> <p>Same as (1)Handicap</p>
8	<p><b>1st Over/Under</b></p> <p>Same as (3) Over/Under</p>
9	<p><b>Mix Parlay</b></p> <p>Parly detail please refence [Parlay_info]</p>
10	<p><b>Outright</b></p> <p>Ex:</p> <p>"bet_team": "10267",</p> <p>The ID of the team / participant from the team table</p>
11	<p><b>Total Corners currently unavailable</b></p> <p>currently unavailable</p>
12	<p><b>1st Odds/Even</b></p> <p>Same as (2)Odds/Even</p>
13	<p><b>Clean Sheet</b></p> <p>Ex:</p> <p>"bet_team": "an",</p>

	<p>bet_team possible values:</p> <p>an: Away No</p> <p>ay: Away Yes</p> <p>hn: Home No</p> <p>hy: Home Yes</p>
14	<p><b>First Goal/Last Goal</b></p> <p>Ex:</p> <p>"bet_team": "2:1",</p> <p>"home_hdp": 2,</p> <p>"away_hdp": 1,</p> <p>Home/Away Goal also is reflected in handicap fields:</p> <p>bet_team possible values:</p> <p>1:1 Home First</p> <p>1:2 Home Last</p> <p>2:1 Away First</p> <p>2:2 Away Last</p> <p>0:0 No Goals</p>
15	<p><b>1st 1X2</b></p> <p>Same as (5)FT 1X2</p>
16	<p><b>HT/FT</b></p> <p>Ex:</p> <p>"bet_team": "2:0",</p> <p>"home_hdp": 2,</p> <p>"away_hdp": 0,</p> <p>HT:FT also is reflected in handicap fields:</p> <p>1 indicates Home team won</p> <p>2 indicates Away team won</p> <p>0 indicates Draw</p>
17	<p><b>2nd HDP like Handicap</b></p> <p>Same as (1)Handicap</p>
18	<p><b>2nd Over/Under like Over/Under</b></p> <p>Same as (3)Over/Under</p>
19	<p><b>Substitutes</b></p> <p>Currently unavailable</p>
20	<p><b>Money Line</b></p> <p>Ex:</p> <p>"bet_team": "h",</p> <p>bet_team possible values:</p> <p>h : bet home team win</p> <p>a : bet away team win</p>

21	1st Money Line
	Same as (20)Money Line
22	Next Goal
	Currently unavailable
23	Next Corner
	Currently unavailable
24	Double Chance
	Ex: "bet_team": "12",  bet_team possible values: 12: Home or Away 1x: Home or Draw 2x: Away or Draw
25	Draw No Bet
	Ex: "bet_team": "h",  bet_team possible values: h : bet home team win a : bet away team win
26	Both/One/Neither team to score
	Ex: "bet_team": "b",  bet_team possible values: b: Both n: No Goal o: One
27	To win to nil
	Ex: "bet_team": "a",  bet_team possible values: h: Home a: Away
28	3-way handicap
	Ex: "bet_team": "1",  bet_team possible values: 1: Home(+1) 2: Away(-1) x: Draw(Home+1)
29	System Parlay
	Parly detail please refence [Parlay_info]

30	1st Crrct Score
	Same as (4) Crrct Score
31	Win (Horse Racing)
	Ex: "bet_team": "15201", The ID of the team / participant from the team table
32	Place (Horse Racing)
	Same as (31) Win (Horse Racing)
33	Win/Place (Horse Racing)
	Same as (31) Win (Horse Racing)
41	Win. UK Tote (Horse Racing)
	Same as (31) Win (Horse Racing)
42	Place. UK Tote (Horse Racing)
	Same as (31) Win (Horse Racing)
43	Win/Place. UK Tote (Horse Racing)
	Same as (31) Win (Horse Racing)
122	Away No Bet
	Ex: "bet_team": "h", bet_team possible values: h: Home x: Draw
123	Draw / No Draw
	Ex: "bet_team": "h",  bet_team possible values: h: Draw a: No Draw
124	FT.1X2 HDP
	Sasm as (5)FT 1X2
125	1st 1X2 HDP
	Sasm as (5)FT 1X2
126	1H Total Goal
	Ex: "bet_team": "0-1", the value of the # of goals  bet_team possible values: 0-1 2-3 4-over
127	1H First Goal/Last Goal
	Same as (14) First Goal/Last Goal

128	HT/FT Odd/Even
	bet_team possible values: oo: Half Time Odd, Full Time Odd oe: Half Time Odd, Full Time Even eo: Half Time Even, Full Time Odd ee: Half Time Even, Full Time Even
133	Home To Win Both Halves
	Ex: "bet_team": "y", bet_team possible values: y: Yes n: No
134	Away To Win Both Halves
	Ex: "bet_team": "y", bet_team possible values: y: Yes n: No
135	Penalty Shootout
	Ex: "bet_team": "y", bet_team possible values: y: Yes n: No
140	Highest Scoring Half
	Ex: "bet_team": "2h", bet_team possible values: 1h: First Half 2h: Second Half tie: Tie
141	Highest Scoring Half Home Team
	Ex: "bet_team": "2h", bet_team possible values: 1h: First Half 2h: Second Half tie: Tie
142	Highest Scoring Half Away Team
	Ex: "bet_team": "2h",  bet_team possible values: 1h: First Half 2h: Second Half tie: Tie

145	Both Teams To Score
	Ex: "bet_team": "y", bet_team possible values: y: Yes n: No
146	2nd Half Both Teams To Score
	Ex: "bet_team": "y", bet_team possible values: y: Yes n: No
147	Home To Score In Both Halves
	Ex: "bet_team": "y", bet_team possible values: y: Yes n: No
148	Away To Score In Both Halves
	Ex: "bet_team": "y", bet_team possible values: y: Yes n: No
149	Home To Win Either Half
	Ex: "bet_team": "y", bet_team possible values: y: Yes n: No
150	Away To Win Either Half
	Ex: "bet_team": "y",  bet_team possible values: y: Yes n: No
151	1st Half Double Chance
	Ex: "bet_team": "1x",  bet_team possible values: 1x: Home or Draw 2x: Away or Draw 12: Home or Away

152	Half Time/Full Time Correct Score
	<p>Ex:</p> <p>"bet_team": "0:1/1:2",</p> <p>0:1/1:2 =&gt; Half Time "0:1" and Full Time "1:2"</p> <p>2:1/4+ =&gt; Half Time "2:1" and Full Time Total 4 or more goals</p> <p>4+/4+ =&gt; Half Time Total 4 or more goals, ( and Full Time too)</p>
1203	Over/Under 2.5 Goals (Virtual Soccer)
	Same as (3) Over/Under
1204	Correct Score (Virtual Soccer)
	Same as (4) Correct Score
1205	1X2 (Virtual Soccer)
	Same as (5) FT.1X2
1206	Total Goal (Virtual Soccer)
	<p>Ex:</p> <p>"bet_team": "1",</p> <p>the value of the # of goals</p> <p>bet_team possible values: 0, 1, 2, 3 ,4</p>
1220	Player Win (Virtual Tennis)
	Same as (20) Money Line
1224	Double Chance (Virtual Soccer)
	Same as (24) Double Chance
1231	Win (Virtual Horse Racing)
	<p>Ex:</p> <p>"bet_team": "21861",</p> <p>The ID of the team / participant from the team table</p>
1232	Place (Virtual Horse Racing)
	<p>Ex:</p> <p>"bet_team": "21861",</p> <p>The ID of the team / participant from the team table</p>
1233	Win/Place (Virtual Horse Racing)
	<p>Ex:</p> <p>"bet_team": "21861",</p> <p>The ID of the team / participant from the team table</p>
1235	Score Bet (Virtual Tennis)
	<p>Ex:</p> <p>"bet_team": "5",</p> <p>bet_team possible values:1~8</p> <p>1: Game-0</p> <p>2: Game-15</p> <p>3: Game-30</p> <p>4: Game-40</p> <p>5: 0-Game</p>

	6: 15-Game 7: 30-Game 8: 40-Game
1236	Total Points (Virtual Tennis)
	Ex: "bet_team": "5",  bet_team possible values: 4, 5, 6, 7 ,8
1237	Forecast (Virtual Horse Racing)
	Currently unavailable
1238	Tricast (Virtual Horse Racing)
	Currently unavailable
153	Game Handicap
	Same as (1)Handicap
154	Set x Winner
	Same as (20)Money Line
155	Set x Game Handicap
	Same as (1)Handicap
156	Set x Total Game O/U
	<bet_type>153</bet_type> <bet_team>o</bet_team>  Bet_team values: o : bet OVER u : bet UNDER <home_hdp>7.5000</home_hdp> home team handicap 7.5 point
1301	Match Winner
	Same as (20)Money Line
1303	Set Handicap
	Same as (1)Handicap
1306	Match Total Games Over/under
	Same as (156) Set x Total Game O/U
1305	Match Total Games Odd/Even
	<bet_type>1305</bet_type> <bet_team>o</bet_team>  bet_team possible values : o : bet ODD e : bet EVEN
1308	Match Games Handicap
	Same as (1)Handicap
1302	Match Correct Score
	Same as (4)Correct Score

1311	Set x Winner
	Same as (20)Money Line
1312	Set x Total Games
	Same as (156) Set x Total Game O/U
1318	Set x Total Games Odd/Even
	Same as (1305) Match Total Games Odd/Even
1317	Set x Correct Score
	Same as (4)Correct Score
1324	Set x Game y Winner
	Same as (20)Money Line
1316	Set x Game Handicap
	Same as (1)Handicap

# Vendor Integration

## Integration APIs Specification

### Modification record

Version	Description	Modified by	Date
2.0	Document created.	Darren Kao	2013/11/27
2.1	Update CreateMember ErrorCode 7	Darren Kao	2014/1/6
2.2	1. Modify BetSetting's property {sport_type} type ( int →string) 2. BetSetting data add {max_bet_per_ball} for NumberGame's Setting	Darren Kao	2014/1/23
2.3	1. Fix GetBetDetail Parameter document error, team_ver"tion=> team_version 2. Add TeamVersion/LeagueVersion sample 3. Fix function name of GetBetDetailByTransld 4. GetBetDetail. add [sport_type] of BetNumberDetails	Darren Kao	2014/2/18
	Modify Appendix BetType Table remove 51~65 Add 16 bettypes 126 : 1H Total Goal 127 : 1H First Goal/Last Goal 133 : Home To Win Both Halves 134 : Away To Win Both Halves 135 : Penalty Shootout 140 : Highest Scoring Half		
2.4	141 : Highest Scoring Half Home Team 142 : Highest Scoring Half Away Team 145 : Both Teams To Score 146 : 2nd Half Both Teams To Score 147 : Home To Score In Both Halves 148 : Away To Score In Both Halves 149 : Home To Win Either Half 150 : Away To Win Either Half 151 : 1st Half Double Chance 152 : Half Time/Full Time Correct Score	Darren Kao	2014/8/04
2.5	Add BetType 128: HT/FT Odd/Even	Darren.kao	2014/08/25
	Add Sport Type 43: E Sports		
2.6	Add Sport Type 202: Keno Add Sport Type 251: Casino	Darren.kao	2014/09/23
2.7	GetGameDetial add data of LiveCasino (sportType=162)	Darren.kao	2014/10/22
2.8	Update ErrorCode(2) description of below functions UpdateMember KickUser	Darren.kao	2014/11/24

CheckUserBalance  
 CheckFundTransfer  
 SetMemberBetSetting  
 GetMemberBetSetting  
 UnlockMember

2.9	Adding new bet type	Lori.Lee	2014/12/22
2.10	Adding bet information of new bet type	Carrie.lu	2015/1/6