PG SOFT

Integration Document

External API v1.10

POCKET GAMES SOFT ™

Contents

Revision History

Version	Date	Description
1.0	2019-04-03	First draft
1.1	2019-04-12	Added new content • 2.1.5 Get Free Game Unregistered Players • 2.1.12 Cancel All Free Games of Player • 2.2.4 Get Bonus Unregistered Players • 2.2.11 Cancel All Bonus of Player • 2.4.6 Get Hands Summary Amended Overview Amended API request parameter • 2.1.6 Create Free Game • 2.1.11 Cancel Unregistered Player Free Game • 2.2.5 Create Bonus • 2.2.10 Cancel Unregistered Player Bonus Amended API description • 2 API Methods • 2.1.2 Get List of Free Game Converted to Bonus • 2.1.3 Get List of Free Game’s Bonus Converted to Cash • 2.1.10 Cancel Registered Player Free Game • 2.1.11 Cancel Unregistered Player Free Game • 2.2.2 Get List of Bonus Converted to Cash • 2.2.9 Cancel Registered Player Bonus • 2.2.10 Cancel Unregistered Player Bonus
1.2	2019-04-15	Added notes for all bet history APIs (2.4)
1.3	2019-04-17	Added new contents • 2.1.6 Get Free Game All Players • 2.1.7 Get Player Free Games • 2.2.5 Get Bonus All Players • 2.2.6 Get Player Bonus Amended API descriptions & request descriptions • 2.1.4 Get Free Game Players • 2.1.5 Get Free Game Unregistered Players • 2.2.3 Get Bonus Players • 2.1.5 Get Bonus Unregistered Players • 2.4.6 Get Hands Summary • 2.5.1 Get Game List Amended API request • 2.1.5 Get Free Game Unregistered Players

		• 2.1.7 Create Free Game • 2.2.4 Get Bonus Unregistered Players • 2.2.6 Create Bonus Amended API response • 2.1.6 Get Free Game All Players • 2.1.7 Create Free Game • 2.2.5 Get Bonus All Players • 2.2.6 Create Bonus • 2.4.6 Get Hands Summary • 2.5.2 Get Game List
1.4	2019-07-12	Added new contents • 2.1.9 Create Free Game by Bet Amount • 2.3.1 Get Tournaments • 2.3.2 Get Tournament Players • 2.5.2 Get Game Legal Bet Amount Amended API • 2.5.1 Get Game List (version 2) Amended API request • 2.1.8 Create Free Game Amended API response • 2.1.1 Get Free Games
1.5	2019-08-22	Amended API description • 2.1.1 Get Free Games • 2.1.2 Get List of Free Game Converted to Bonus/Cash • 2.1.3 Get List of Free Game's Bonus Converted to Cash • 2.1.4 Get Free Game Players • 2.1.6 Get Free Game All Players • 2.2.1 Get Bonus • 2.2.2 Get List of Bonus Converted to Cash • 2.2.3 Get Bonus Players • 2.2.5 Get Bonus All Players • 2.3.1 Get Tournaments • 2.3.2 Get Tournament Players • 2.4.5 Get Player Daily Summary for Specific Time Amend API request • 2.1.7 Get Player Free Games • 2.2.9 Transfer Player to Flexible Bonus • 2.4.1 Get History Amended API response • 2.4.1 Get History • 2.4.2 Get History for Specific Time

		• 2.4.3 Get Single Player History • 2.4.6 Get Hands Summary Added new contents • 2.4.7 Get Player Bets Summation Total
1.6	2019-11-13	Added new contents • 2.4.7 Get Hourly Hands Summary Amended API version • 2.4 Bet History Amended API description • 2.4 Bet History • 2.4.1 Get History Amended API response • 2.4.1 Get History • 2.4.2 Get History for Specific Time • 2.4.3 Get Single Player History
1.7	2020-02-10	Added new contents • 2.5.3 Change Game Release Status • 2.7.1 Get Online Player Count • 2.7.2 Get Player Online Status Amended API response • 2.4.1 Get History • 2.4.2 Get History for Specific Time • 2.4.3 Get Single Player History • 2.4.4 Get Player Daily Summary • 2.4.5 Get Player Daily Summary for Specific Time • 2.4.6 Get Hands Summary • 2.4.7 Get Hourly Hands Summary • 2.4.8 Get Player Bets Summation Total • 2.6.1 Get Jackpot List Amended API response parameter description • 2.1.6 Get Free Game All Players • 2.1.7 Get Player Free Games • 2.2.5 Get All Bonus Players • 2.2.6 Get Player Bonus
1.8	2020-12-11	Added new API version • 2.7 Player Added new API • 2.1.3 Get List of Free Game Converted to Bonus Game and Converted to Cash • 2.4.13 Pending Bets • 2.4.14 Manual Reset Pending Game State • 2.7.3 Get Online Players

		• 2.7.4 Create Player • 2.7.5 Kick Out Player • 2.7.6 Suspend Player • 2.7.7 Resume Player • 2.7.8 Check Player Status Amended API title or description • 2.1.3 Get List of Free Game Converted to Bonus Game and Converted to Cash • 2.1.10 Transfer Player to Standard Free Game • 2.1.13 Cancel Player Free Game • 2.2.6 Get Single Player Details in Bonus Game • 2.2.7 Create Bonus Game • 2.4 Bet History • 2.4.1 Get History • 2.4.2 Get History for Specific Time • 2.4.3 Get Single Player History • 2.4.4 Get Player’s Daily Summary • 2.4.5 Get Player’s Daily Summary for Specific Time • 2.4.6 Get Hands Summary • 2.4.7 Get Hourly Hands Summary • 2.4.8 Get Summary of Total Player Bets • 2.4.9 Get Player’s Unfinished Games • 2.4.10 Get All Unsuccessful Bets • 2.4.11 Get Bet Details • 2.4.12 Get Failed Bets • 2.6.1 Get Jackpots List • 2.7.2 Get Players Online Status Amended API request or response contents • 2.1.1 Get Free Games List • 2.1.4 Get Free Game Players List • 2.1.5 Get List of Unregistered Players in Free Game • 2.1.6 Get All Player Details for Free Game • 2.1.7 Get Single Player Details in Free Game • 2.1.8 Create Free Game • 2.1.9 Create Free Game by Bet Amount • 2.1.10 Transfer Player to Standard Free Game • 2.1.11 Transfer Player to Flexible Free Game • 2.2.1 Get Bonus Game List • 2.2.2 Get List of Bonus Games Converted to Cash • 2.2.3 Get Bonus Game Players List • 2.2.4 Get List of Unregistered Players of Bonus Game • 2.2.5 Get All Player Details in Bonus Game • 2.2.6 Get Single Player Details in Bonus Game • 2.2.9 Transfer Player to Flexible Bonus Game • 2.2.13 Cancel All Bonus Games of a Player • 2.3.1 Get Tournaments List

		• 2.3.2 Get Tournament Players List • 2.3.4 Register Tournament Players • 2.3.5 Get Tournament Cash Prize Reward List • 2.4.1 Get History • 2.4.2 Get History for Specific Time • 2.4.3 Get Single Player History • 2.4.4 Get Player’s Daily Summary • 2.4.5 Get Player’s Daily Summary for Specific Time • 2.4.6 Get Hands Summary • 2.4.7 Get Hourly Hands Summary • 2.4.8 Get Summary of Total Player Bets • 2.4.9 Get Player’s Unfinished Games • 2.4.10 Get All Unsuccessful Bets • 2.4.11 Get Bet Details • 2.4.12 Get Failed Bets • 2.6.1 Get Jackpots List • 2.7.2 Get Players Online Status
1.9	2021-05-20	Added new API request parameter • All APIs in 2. API Methods Added new APIs • 2.4.6 Create Tournament • 2.4.7 Update Tournament • 2.4.8 Update Sub-Tournament • 2.4.9 Get Tournament Info Language By Tournament Id • 2.4.10 Create Tournament Info Language • 2.4.11 Update Tournament Info Language • 2.4.12 Delete Tournament Info Language • 2.4.13 Cancel Tournament Player • 2.4.14 Revive Players Amend API response • 2.5.7 Get Hourly Hands Summary Amended API response description • 2.5.7 Get Hourly Hands Summary • 2.5.8 Get Summary of Total Player Bets Amend API request • 2.5.8 Get Summary of Total Player Bets • 2.5.9 Get Player’s Unfinished Games Added new contents • 2.1.3 Hash Authentication
1.10	2021-11-08	Amended API request or response contents • 2.1.3 Hash Authentication • 2.2.4 Get Free Game Players List • 2.2.6 Get All Player Details for Free Game • 2.2.7 Get Single Player Details in Free Game • 2.2.8 Create Free Game

[redacted]		• 2.2.9 Create Free Game by Bet Amount • 2.2.10 Transfer Player to Standard Free Game • 2.2.11 Transfer Player to Flexible Free Game • 2.2.15 Cancel All Free Games of a Player • 2.3.3 Get Bonus Game Players List • 2.3.5 Get All Player Details in Bonus Game • 2.3.6 Get Single Player Details in Bonus Game • 2.3.7 Create Bonus Game • 2.3.8 Transfer Player to Standard Bonus Game • 2.3.9 Transfer Player to Flexible Bonus Game • 2.4.1 Get Tournaments List • 2.4.2 Get Tournament Players List • 2.4.3 Get Tournament Top Rankings • 2.4.5 Get Tournament Cash Prize Reward List • 2.4.6 Create Tournament • 2.4.7 Update Tournament • 2.4.8 Update Sub-Tournament Information • 2.4.9 Get Tournament Information • 2.4.10 Create Tournament Information • 2.4.11 Update Tournament Information • 2.5.1 Get History • 2.5.2 Get History for Specific Time • 2.5.3 Get Single Player History • 2.5.6 Get Hands Summary • 2.5.7 Get Hourly Hands Summary • 2.5.8 Get Summary of Total Player Bets • 2.5.9 Get Player’s Unfinished Games • 2.5.10 Get Bet Details • 2.5.13 Get Pending Bets • 2.6.1 Get Games List • 2.9.3 Get Online Player List Added new API • 2.2.16 Get Free Game Player Summary • 2.6.4 Get Game Certificate • 2.7.1 Get Wallet Transaction • 2.7.2 Get Manual Adjustment Details

1. Overview

The External API allows you to programmatically access PGSoft's tools and services. You can use these APIs to retrieve information, create, modify, or cancel various PG services such as free games, bonus games, tournament and more.

PGSoft APIs are divided by services. Each of these services has its own section in this documentation. All APIs in this documentation are optional, operator may choose to integrate API based on requirements.

2. API Methods

2.1 API Formats

2.1.1 Request

The external API uses HTTP form methods and a RESTful endpoint structure. You format requests in the following content type:

```
Content-Type: application/x-www-form-urlencoded
```

2.1.2 Response

API returns JSON-formatted responses. For successful and failed API request, operator is required to return an API response with HTTP status code 200.

API uses global JSON response format for all API methods, with the following content type:

```
Content-Type: application/json
```

Parameters:

Parameter name	Data type	Description
data[1]	JSON Object	Response information for API methods
error[2]	JSON Object	Error information when an error or exception occur

Example:

Successful Response

```
{
  "data": {
    [API method response. JSON object format may vary depending on API methods]
  },
  "error": null,
}
```

Failed/Error Response

```
{
  "data": null,
  "error": {
    "code": "[Error code]",
    "message": "[Error message]"
  }
}
```

[1] This field will show *null* value in error response

[2] This field will show *null* value in success API response. Please refer to error response section for error response format

2.1.3 Hash Authentication (Optional)

We highly recommend that the operator integrate hash authentication to secure every request. If the operator chooses to integrate with hash authentication, PG system will validate the hash information provided in the header fields for every request.

2.1.3.1 Header Fields

The following table describes the various request headers in the preceding example:

Component	Description
Host	API domain **Example**: `apiexample.pgsoft.com`
x-date	Current date (UTC) in YYYYMMDD format **Example:** `20190902`
x-content-sha256	SHA256 hash of the request string body **Example**: `1700116101F424B9F6FC695B4DBAF2B7B0EE763BA1B3B53298E3069143ED46F1`
Authorization	Combination of various components for request authentication **Example**: `PWS-HMAC-SHA256 Credential=20190902/OPERATORTOKENEXAMPLE/pws/v1,SignedHeaders= host;x-content-sha256;x-date,Signature=2461227daf8132ee6cd86a144205e229fee0382c549f8b68807948c076568469`

Example

```
Host:
apiexample.pgsoft.com
x-date: 20190902
x-content-sha256:
1700116101F424B9F6FC695B4DBAF2B7B0EE763BA1B3B53298E3069143ED46F
1
Authorization: PWS-HMAC-SHA256
Credential=20190902/OPERATORTOKENEXAMPLE/pws/v1,SignedHeaders=
host;x-content-sha256;x-
date,Signature=2461227daf8132ee6cd86a144205e229fee0382c549f8b6880794
8c076568469
```

Header: x-content-sha256

Calculate a SHA256 hash of the request string body:

<u>Example</u>

POST body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&count=5000&bet_
type=1&row_version=1346592723000
```

x-content-sha256:

```
1700116101F424B9F6FC695B4DBAF2B7B0EE763BA1B3B53298E3069143ED46F1
```

Header: Authentication

The following table describes the various components of the Authorization header value in the preceding example:

Component	Description

Credential	Your access key ID and the scope information which includes the date, operator token and service that were used to calculate the signature.
	This string has the following form:
	`{x-date}/{operator_token}/pws/v1`
	Example:
	`20190902/OPERATORTOKENEXAMPLE/pws/v1`

SignedHeaders	A semicolon-separated list of request headers that you will use to compute the Signature. The list includes header names only, and the header names must be in lowercase. **Fixed Value:** `host;x-content-sha256;x-date`

Signature	The 256-bit signature expressed as 64 lowercase hexadecimal characters.
	Example:
	`e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca4`
	`95991b7852b855`

To calculate a signature, you first need a string that includes *{host}{x-content-sha256}{x-date}* to sign. You will then calculate a HMAC-SHA256 hash of the string to sign by using a signing key:

```
hmac-sha256({salt}, {host}{x-content-sha256}{x-date})
```

Calculate a HMAC-SHA256 hash of the string body:

Example

Salt	: SALTEXAMPLE
Host	: apiexample.pgsoft.com
x-date	: 20190902
x-content-sha256	: 1700116101F424B9F6FC695B4DBAF2B7B0EE763BA1B3B53298E3069143ED46F1

Signature:
2461227daf8132ee6cd86a144205e229fee0382c549f8b68807948c076568469

2.2 Free Game [Latest version: v1]

2.2.1 Get Free Games List

To get the list of created free games.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/GetFreeGames
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
from_time	Long	No	Time range of free games' start times (Unix time stamp in milliseconds)
to_time	Long	No	Time range of free games' end times (Unix time stamp in milliseconds)
from_created_time	Long	No	Time range of free games' created times (Unix time stamp in milliseconds)
to_created_time	Long	No	
free_game_id	Integer	No	Unique identity of free game
currency	String	No	Currency of free game
free_game_name	String	No	Given name of free game
free_game_transfer_type	Integer	No	Transfer type for free game 0: Standard 3: Flexible
conversion_type	Char	No	Type of conversion after free game is completed: C: Cash B: Bonus
status	Integer	No	Status of free game: 0: Inactive

			1: Active 2: Expired

Example:

URL:

```
https://api.pg-bo.me/external/FreeGame/v1/GetFreeGames?trace_id=b3f37e57-2873-
40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=500&f
rom_time=1346592723000&to_time=1546592723000&from_created_time=1346592723000&to_cr
eated_time=1546592723000&free_game_id=12345&currency=CNY&free_game_name=freegame20
19&free_game_transfer_type=1&conversion_type=C&status=1
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of free games

JSON Array

Parameter name	Data type	Description
operatorToken	String	Unique identity of operator
freeGameId	Integer	Unique identity of free game
freeGameName	String	Given name of free game
transaction_id	String	Unique identity of transaction
isEvent	Boolean	Type of free game: True: Flexible False: Standard
gameIds	Integer Array	Unique identity of games
totalGame	Integer	Total number of free games that will be given to a single player
currencyCode	String	Currency of free game
coinSize	Decimal	Coin size of free game
multiplier	Integer	Bet multiplier of free game
minimumConversionAmount	Decimal	The minimum cash conversion amount of free game
maximumConversionAmount	Decimal	The maximum cash conversion amount of free game
conversionType	Char	Type of conversion after free game is completed: C: Cash B: Bonus
bonusRatio	Decimal	Wagering requirement for bonus game.

		Refers to the multiple of the turnover in free game that needs to be completed after the amount won in free game has been transferred to the bonus wallet
bonusRatioAmount	Decimal	Wagering requirement for bonus game. Refers to the total amount that needs to be completed after the amount won in free game has been transferred to the bonus wallet
bonusMinimumConversionAmount	Decimal	The minimum cash conversion amount of bonus game
bonusMaximumConversionAmount	Decimal	The maximum cash conversion amount of bonus game
bonusType	Integer	Bonus game conversion type: 0: Bonus 1: Cash 2: Bonus & Cash
status	Integer	Status of free game: 0: Inactive (Cancelled) 1: Active 2: Expired
freeGameCountGiven	Integer	Total number of given free games
numberOfPlayers	Integer	Total number of players in free game
expiredDate	Long	Expiry date of free game (Unix time stamp in milliseconds)
createdDate	Long	Created date of free game (Unix time stamp in milliseconds)
createdBy	String	API or BackOffice user who created the free game
updatedBy	String	API or BackOffice user who updated the free game
isSupressDiscard	Boolean	Permission to allow players to cancel offer True: Do not allow player to cancel offer False: Allows player to cancel offer

Example:

```
{
    "data": {
        "totalCount": 2583,
        "totalPage": 259,
        "result": [
            {
                "operatorToken": "abcd",
                "freeGameId": 1,
                "freeGameName": "free game1",
                "transactionId": "12345Test",
                "isEvent": false,
                "gameIds": [1],
                "totalGame": 20,
                "currencyCode": "USD",
                "coinSize": 0.05,
                "multiplier": 2,
                "minimumConversionAmount": 1000.00,
                "maximumConversionAmount": 1000.00;
                "conversionType": "B",
                "bonusRatio": 2,
                "bonusRatioAmount": 0,
                "bonusMinimumConversionAmount": 1000.00,
                "bonusMaximumConversionAmount": 1500.00;
                "bonusType": 0,
                "status": 2,
                "freeGameCountGiven": 0,
                "numberOfPlayers": 0,
                "expiredDate": 1499764521000,
                "createdDate": 1498036782000,
                "createdBy": "player1",
                "updatedBy": "player1",
                "isSupressDiscard": true
            },
            {
                "operatorToken": "abcd",
                "freeGameId": 2,
                "freeGameName": "free game2",
                "transactionId": "12345Test2",
                "isEvent": false,
                "gameIds": [1],
                "totalGame": 20,
                "currencyCode": "USD",
                "coinSize": 0.05,
                "multiplier": 2,
                "conversionType": "C",
                "bonusRatio": 0,
                "bonusRatioAmount": 0,
                "status": 1,
                "freeGameCountGiven": 0,
                "numberOfPlayers": 0,
                "expiredDate": 1499732101000,
                "createdDate": 1498114200000,
                "createdBy": "player1",
                "updatedBy": "player1",
                "isSupressDiscard": true
            }
        ]
    },
    "error": null
}
```

2.2.2 Get List of Free Game Converted to Bonus Game/Cash

To get list of free games that has been converted to bonus game or cash.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/GetFreeGameConvertedWallet
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
free_game_id	Integer	Yes	Unique identity of free game
player_name	String	No	Unique identity of player **Note: Fuzzy matching is implemented**
from_transaction_time	Long	No	Time range of free game player's transactions (Unix time stamp in milliseconds)
to_transaction_time	Long	No	

Example:

URL:

```
https://api.pg-
bo.me/external/FreeGame/v1/GetFreeGameConvertedWallet?trace_id=b3f37e57-2873-40b1-
aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=500&f
ree_game_id=12345&player_name=player1&from_transaction_time=1346592723000&to_trans
action_time=1346592723000
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalConvertedAmount	Decimal	Total amount that has been converted to cash in free game
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of free games

JSON Array

Parameter name	Data type	Description
balanceId	Integer	Unique identity of player's free game wallet
playerName	String	Unique identity of player
currencyCode	String	Currency of player
gameId	Integer	Unique identity of game
transactionAmount	Decimal	Converted amount of player
transactionDateTime	Long	Time of conversion

Example:

```
{
    "data": {
        "totalConvertedAmount": 10,
        "totalCount": 1,
        "totalPage": 1,
        "result": [
            {
                "balanceId": 13787,
                "playerName": "qa18",
                "currencyCode": "CNY",
                "gameId": 8,
                "transactionAmount": 10,
                "transactionDateTime": 1547449915000
            }
        ],
        [
            {
                "balanceId": 13788,
                "playerName": "qa18",
                "currencyCode": "CNY",
                "gameId": 8,
                "transactionAmount": 10,
                "transactionDateTime": 1547449915100
            }
        ]
    },
    "error": null
}
```

2.2.3 Get List of Free Games that have Converted to Bonus Game then Cash

To get the list of games that were converted from a free game to a bonus game, and then from bonus game to cash.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/GetFreeGameBonusConvertedWallet
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
free_game_id	Integer	Yes	Unique identity of free game
player_name	String	No	Unique identity of player **Note: Fuzzy matching is implemented**
from_transaction_time	Long	No	Time range of free game player's transactions (Unix time stamp in milliseconds)
to_transaction_time	Long	No	
status	Integer	No	Status of bonus game: 0: Inactive 1: Active 2: Expired

Example:

URL:

```
https://api.pg-bo.me/external/FreeGame/v1/GetFreeGameBonusConvertedWallet?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=500&free_game_id=12345&player_name=player1&from_transaction_time=1346592723000&to_transaction_time=1346592723000&status=1
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalConvertedAmount	Decimal	Total amount that has been converted to cash in free game
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of free game players' details

JSON Array

Parameter name	Data type	Description
balanceId	Integer	Unique identity of player's free game wallet
playerName	String	Unique identity of player
currencyCode	String	Currency of player
gameId	Integer	Unique identity of game
transactionAmount	Decimal	Amount converted of player
transactionDateTime	Long	Time of convert (Unix time stamp in milliseconds)

Example:

```
{
    "data": {
        "totalConvertedAmount": 20,
        "totalCount": 2,
        "totalPage": 1,
        "result": [
            {
                "balanceId": 13787,
                "playerName": "qa18",
                "currencyCode": "CNY",
                "gameId": 8,
                "transactionAmount": 10,
                "transactionDateTime": 1547449915000
            }
        ],
        [
            {
                "balanceId": 13788,
                "playerName": "qa18",
                "currencyCode": "CNY",
                "gameId": 8,
                "transactionAmount": 10,
                "transactionDateTime": 1547449915100
            }
        ]
    },
    "error": null
}
```

2.2.4 Get Free Game Players List

To get list of registered players of a free game.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/GetFreeGamePlayers
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
free_game_id	Integer	Yes	Unique identity of free game
player_name	String	No	Unique identity of free game player **Note: Fuzzy matching is implemented**
from_time	Long	No	Time range of free games' start times (Unix time stamp in milliseconds)
to_time	Long	No	
from_created_time	Long	No	Time range of when players are registered into free games (Unix time stamp in milliseconds)
to_created_time	Long	No	
free_game_name	String	No	Given name of free game
status	Integer	No	Status of free game wallet: 0: Inactive (Cancelled) 1: Active 2: Expired 3: Converted 4: Completed 5: New 6: User Cancelled 8: Pending

Example:
URL:
```
https://api.pg-bo.me/external/FreeGame/v1/GetFreeGamePlayers?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=500&player_name=player1&from_time=1346592723000&to_time=1546592723000&from_created_time=1346592723000&to_created_time=1546592723000&free_game_id=12345&free_game_name=freegame2019&status=1
```

Response

Body Parameters:
JSON Object

Parameter name	Data type	Description
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of players in a free game

JSON Array

Parameter name	Data type	Description
balanceId	Integer	Unique identity of player’s free game wallet
playerId	Integer	Unique identity of player in free game
playerName	String	Unique identity of player in free game
walletType	String	Type of player wallet in free game: G: Free Game B: Bonus
balanceAmount	Decimal	Player balance of free game
bonusRatioAmount	Decimal	Wagering requirement for bonus game. Refers to the total amount that needs to be completed after the amount won in free game has been transferred to the bonus wallet
bonusMaximumConversionAmount	Decimal	Maximum conversion amount for free game’s bonus
freeGameMaximumConversionAmount	Decimal	Maximum conversion amount for free game
status	Integer	Status of free game wallet: 0: Inactive (Cancelled) 1: Active 2: Expired 3: Converted 4: Completed 5: New 6: User Cancelled

		8: Pending
expiredDate	Long	Expiry date of free game (Unix time stamp in milliseconds)
createdBy	String	API or BackOffice user who created the free game
updatedBy	String	API or BackOffice user who updated the free game
updatedDate	Long	Date of when a player is registered or re-registered into the free game (Unix time stamp in milliseconds)
createdDate	Long	Date of when a player is registered into the free game (Unix time stamp in milliseconds)

Example:

```
{
    "data": {
        "totalCount": 2583,
        "totalPage": 259,
        "result": [
            {
                "balanceId": 111261,
                "playerId": 7443,
                "playerName": "player1",
                "walletType": "B",
                "balanceAmount": 874.4,
                "bonusRatioAmount": 874.4,
                "bonusMaximumConversionAmount": 0,
                "freeGameMaximumConversionAmount": 0,
                "expiredDate": 1546991999000,
                "status": 2,
                "createdBy": "operator",
                "updatedBy": "operator",
                "createdDate": 1546923615000,
                "updatedDate": 1546991999000
            },
            {
                "balanceId": 111252,
                "playerId": 7443,
                "playerName": "player2",
                "walletType": "G",
                "balanceAmount": 8.8,
                "bonusMaximumConversionAmount": 0,
                "freeGameMaximumConversionAmount": 0,
                "freeGameCount": 6,
                "expiredDate": 1546991999000,
                "status": 6,
                "createdBy": "operator",
                "updatedBy": "operator",
                "createdDate": 1546918715000,
                "updatedDate": 1547028195000
            }
        ]
    },
    "error": null
}
```

2.2.5 Get List of Unregistered Players in Free Game

To get list of unregistered players in free game.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/GetFreeGamePendingPlayers
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
free_game_id	Integer	Yes	Unique identity of free game
player_name	String	No	Unique identity of free game ‘s unregistered player **Note: Fuzzy matching is implemented**
created_by	String	No	API or BackOffice user who registered the player
status	Integer	No	Status of wallet of unregistered player: 0: Inactive (Cancelled) 1: Pending 2: Transferred

Example:

URL:

```
https://api.pg-bo.me/external/FreeGame/v1/GetFreeGamePendingPlayers?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=500&player_name=player1&free_game_id=12345&created_by=external&status=1
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of unregistered players in a free game

JSON Array

Parameter name	Data type	Description
pendingWalletId	Integer	Unique identity of free game’s player’s pending wallet
playerName	String	Unique identity of free game’s un-registered player
status	Integer	Status of unregistered player’s wallet: 0: Inactive (Cancelled) 1: Pending 2: Transferred
updatedDate	Long	Date of when a player is registered or re-registered into the free game (Unix time stamp in milliseconds)
createdDate	Long	Date of when a player is registered into the free game (Unix time stamp in milliseconds)
createdBy	String	API or BackOffice user who registered the player
updatedBy	String	API or BackOffice user who register or re-registered player

Example:

```
{
    "data": {
        "totalCount": 2,
        "totalPage": 1,
        "result": [
            {
                "pendingWalletId": 140392,
                "playerName": "eddywang9999",
                "status": 1,
                "createdDate": 1554351552000,
                "updatedDate": 1554351552000,
                "createdBy": "External API",
                "updatedBy": "External API"
            },
            {
                "pendingWalletId": 140393,
                "playerName": "eddywang99999",
                "status": 1,
                "createdDate": 1554351682000,
                "updatedDate": 1554351682000,
                "createdBy": "External API",
                "updatedBy": "External API"
            }
        ]
    },
    "error": null
}
```

2.2.6 Get All Player Details for Free Game

To get details of all players in a free game.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/GetFreeGameAllPlayers
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** ● **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
free_game_id	Integer	Yes	Unique identity of free game
player_name	String	No	Unique identity of free game’s unregistered player **Note: Fuzzy matching is implemented**
from_time	Long	No	Time range of free games’ start time (Unix time stamp in milliseconds)
to_time	Long	No	Time range of free games’ end time (Unix time stamp in milliseconds)
from_created_time	Long	No	Time range of free games’ created time (Unix time stamp in milliseconds)
to_created_time	Long	No	
free_game_name	String	No	Given name of free game
status	Integer	No	Status of free game wallet: 0: Inactive (Cancelled) 1: Active 2: Expired 3: Converted 4: Completed 5: New 6: User Cancelled

			8: Pending

Example:

URL:
```
https://api.pg-bo.me/external/FreeGame/v1/GetFreeGameAllPlayers?trace_id=b3f37e57-
2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=500&p
layer_name=player1&from_time=1346592723000&to_time=1546592723000&from_created_time
=1346592723000&to_created_time=1546592723000&free_game_id=12345&free_game_name=fre
egame2019&status=1
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of all players in a free game

JSON Array

Parameter name	Data type	Description
balanceId	Integer	Unique identity of player's free game wallet
playerId	Integer	Unique identity of free game's player
playerName	String	Unique identity of free game's player
walletType	String	Type of player wallet: G: Free Game B: Bonus
balanceAmount	Decimal	Player balance of unconverted free game, or converted amount of converted free game
bonusRatioAmount	Decimal	Wagering requirement for bonus game. Refers to the total amount that needs to be completed after the amount won in free game has been transferred to the bonus wallet
bonusMinimumConversionAmount	Decimal	Minimum conversion amount for free game's bonus
bonusMaximumConversionAmount	Decimal	Maximum conversion amount for free game's bonus
freeGameMaximumConversionAmount	Decimal	Maximum conversion amount for free game
status	Integer	Status of free game wallet: 0: Inactive (Cancelled) 1: Active 2: Expired

		3: Converted 4: Completed 5: New 6: User Cancelled 8: Pending
expiredDate	Long	Expiry date of free game (Unix time stamp in milliseconds)
updatedDate	Long	Date of when a player is registered or re-registered into the free game (Unix time stamp in milliseconds)
createdDate	Long	Date of when a player is registered into the free game (Unix time stamp in milliseconds)

Example:

```
{
    "data": {
        "totalCount": 2583,
        "totalPage": 259,
        "result": [
            {
                "balanceId": 111261,
                "playerId": 7443,
                "playerName": "player1",
                "walletType": "B",
                "balanceAmount": 874.4,
                "bonusRatioAmount": 874.4,
                "bonusMinimumConversionAmount": 0,
                "bonusMaximumConversionAmount": 0,
                "freeGameMaximumConversionAmount": 0,
                "expiredDate": 1546991999000,
                "status": 2,
                "createdDate": 1546923615000,
                "updatedDate": 1546991999000
            },
            {
                "balanceId": 111252,
                "playerId": 7443,
                "playerName": "player2",
                "walletType": "G",
                "balanceAmount": 8.8,
                "bonusMinimumConversionAmount": 0,
                "bonusMaximumConversionAmount": 0,
                "freeGameMaximumConversionAmount": 0,
                "freeGameCount": 6,
                "expiredDate": 1546991999000,
                "status": 6,
                "createdDate": 1546918715000,
                "updatedDate": 1547028195000,
            }
        ]
    },
    "error": null
}
```

2.2.7 Get Single Player Details in Free Game

To get the details of a single player in a free game.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/GetPlayerFreeGames
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** ● **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
player_name	String	Yes	Unique identity of free game's unregistered player
status	Integer Array	No	Status of free game wallet: 0: Inactive (Cancelled) 1: Active 2: Expired 3: Converted 4: Completed 5: New 6: User Cancelled 8: Pending

Example:

URL:
```
https://api.pg-bo.me/external/FreeGame/v1/GetPlayerFreeGames?trace_id=b3f37e57-
2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=500&p
layer_name=player1&status=1&status=2
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of free games of a single player

JSON Array

Parameter name	Data type	Description
freeGameId	Integer	Unique identity of free game
freeGameName	String	Given name of free game
transactionId	String	Unique identity of transaction
gameIds	Integer Array	Unique identity of games
gameCount	Integer	Total number of given free games
totalGame	Integer	Total number of free games that will be given to a single player
balanceAmount	Decimal	Player balance of unconverted free game, or converted amount of converted free game
minimumConversionAmount	Decimal	Minimum conversion amount for free game
maximumConversionAmount	Decimal	Maximum conversion amount for free game
multiplier	Integer	Bet multiplier of free game
coinSize	Decimal	Coin size of free game
expiredDate	Long	Expiry date of free game (Unix time stamp in milliseconds)
createdDate	Long	Created date of free game (Unix time stamp in milliseconds)
createdBy	String	API or BackOffice user who created the free game
updatedBy	String	API or BackOffice user who updated the free game
isSupressDiscard	Boolean	Permission to allow players to cancel offer True: Do not allow player to cancel offer False: Allows player to cancel offer
status	Integer	Status of free game wallet: 0: Inactive (Cancelled) 1: Active 2: Expired 3: Converted 4: Completed 5: New 6: User Cancelled 8: Pending
conversionType	Char	Type of conversion after free game is completed:

[redacted]		C: Cash B: Bonus

Example:

```
{
    "data": {
        "totalCount": 2583,
        "totalPage": 259,
        "result": [
            {
                "freeGameId": 909,
                "freeGameName": "Free Game 1",
                "gameIds": [25],
                "gameCount": 10,
                "totalGame": 5,
                "balanceAmount": 0,
                "transactionId": "12345Test",
                "minimumConversionAmount": 1,
                "maximumConversionAmount": 500,
                "multiplier": 10,
                "coinSize": 10,
                "expiredDate": 1552089599000,
                "status": 2,
                "conversionType": "B",
                "createdDate": 1498036782000,
                "createdBy": "player1",
                "updatedBy": "player1",
                "isSupressDiscard": true

            },
            {
                "freeGameId": 864,
                "freeGameName": "Free Game 2",
                "gameIds": [6],
                "gameCount": 55,
                "totalGame": 50,
                "balanceAmount": 0,
                "transactionId": "12345Test",
                "minimumConversionAmount": 1,
                "maximumConversionAmount": 500,
                "multiplier": 1,
                "coinSize": 1,
                "expiredDate": 1556672461000,
                "status": 5,
                "conversionType": "C"
                "createdDate": 1498036782000,
                "createdBy": "player1",
                "updatedBy": "player1",
                "isSupressDiscard": true

            }
        ]
    },
    "error": null
}
```

2.2.8 Create Free Game

To create a new free game.

Notes

- Each request is recommended to not have more than 200 players.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/CreateFreeGame
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
currency	String	Yes	Currency of free game
free_game_name	String	Yes	Given name of free game
expired_date	long	Yes	Expiry date of free game (Unix time stamp in milliseconds)
bonus_minimum_conversion_amount	Decimal	No*	Minimum conversion amount for bonus NULL: No limit for conversion amount
bonus_maximum_conversion_amount	Decimal	No*	Maximum conversion amount for bonus NULL: No limit for conversion amount
minimum_conversion_amount	Decimal	No	Minimum conversion amount for free game NULL: No limit for conversion amount
maximum_conversion_amount	Decimal	No	Maximum conversion amount for free game NULL: No limit for conversion amount
bonus_type	Integer	No*	Bonus wagering condition 0: Bonus 1: Cash 2: Bonus & Cash
bonus_ratio_amount**	Decimal	No*	Wagering requirement for bonus game.

			Refers to the amount that needs to be completed after the amount won in free game has been transferred to the bonus wallet
bonus_ratio**	Decimal	No*	Wagering requirement for bonus game. Refers to the multiple of the turnover in free game that needs to be completed after the amount won in free game has been transferred to the bonus wallet **Turnover = bonus ratio x converted bonus amount**
conversion_type	Char	Yes	Type of conversion after free game is completed: C: Cash B: Bonus
multiplier	Integer	Yes	Bet multiplier of free game
coin_size	Decimal	Yes	Coin size of free game
game_count	Integer	Yes	Total number of free games that will be given to each player
game_ids	Integer Array	Yes	Unique identity of games **(Note: Only games with same base bet are accepted)**
is_event	Boolean	Yes	Type of free game: True: Flexible False: Standard
player_name	String	No	Unique identity of player. System will create free game and assign to this player directly
transaction_id	String	Yes	Unique identity of transaction. **Note: System will return a corresponding free game ID for a duplicated transaction**
non_discardable	Boolean	No	Players are not allowed to discard the offer: True: Do not allow player to discard the offer False: Allows player to discard the offer

*Only applicable for bonus conversion type
**Turnover condition of *bonus ratio* will be overridden if *bonus ratio amount* is provided

Example:

URL:

```
https://api.pg-bo.me/external/FreeGame/v1/CreateFreeGame?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&currency=CNY&free_game_name=FreeGame2019&expired_date=1745289243000&status=1&bonus_maximum_conversion_amount=10&maximum_conversion_amount=1&bonus_type=1&bonus_ratio_amount=2&conversion_type=B&multiplier=5&coin_size=20&game_count=20&game_ids=1&game_ids=2&is_event=true&player_name=player1&transaction_id=12345&non_discardable=False
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
freeGameId	Integer	Unique identity of free game

Example:

```
{
    "data": {
            "freeGameId ": 10915
        },
    "error": null
}
```

2.2.9 Create Free Game by Bet Amount

To create a new free game using the desired bet amount.

Notes

- Each request is recommended to not have more than 200 players.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/CreateFreeGameByBetAmount
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
currency	String	Yes	Currency of free game
free_game_name	String	Yes	Given name of free game
expired_date	long	Yes	Expiry date of free game (Unix time stamp in milliseconds)
bonus_minimum_conversion_amount	Decimal	No*	Minimum conversion amount for bonus NULL: No limit for conversion amount
bonus_maximum_conversion_amount	Decimal	No*	Maximum conversion amount for bonus NULL: No limit for conversion amount
minimum_conversion_amount	Decimal	No	Minimum conversion amount for free game NULL: No limit for conversion amount
maximum_conversion_amount	Decimal	No	Maximum conversion amount for free game NULL: No limit for conversion amount
bonus_type	Integer	No*	Bonus wagering condition: 0: Bonus 1: Cash 2: Bonus & Cash
bonus_ratio_amount**	Decimal	No*	Wagering requirement for bonus game.

			Refers to the amount that needs to be completed after the amount won in free game has been transferred to the bonus wallet
bonus_ratio**	Decimal	No*	Wagering requirement for bonus game. Refers to the multiple of the turnover in free game that needs to be completed after the amount won in free game has been transferred to the bonus wallet **Turnover = bonus ratio x converted bonus amount**
conversion_type	Char	Yes	Type of conversion for after free game is completed: C: Cash B: Bonus
bet_amount	Decimal	Yes	Desired bet amount for each game. **Note: System will round down to closest multiplier and coin size automatically**
game_count	Integer	Yes	Total number of free games that will be given to each player
game_ids	Integer Array	Yes	Unique identity of games **(Note: Only games with same base bet are accepted)**
is_event	Boolean	Yes	Type of free game: True: Flexible False: Standard
player_name	String	No	Unique identity of player. System will create free game and assign to this player directly
transaction_id	String	Yes	Unique identity of transaction. **Note: System will return a corresponding free game ID for a duplicate transaction**
non_discardable	Boolean	No	Players are not allowed to discard the offer: True: Do not allow player to discard the offer False: Allows player to discard the offer

*Only applicable for bonus conversion type
**Turnover condition of *bonus_ratio* will be overridden if *bonus_ratioamount* is provided

Example:

URL:

```
https://api.pg-bo.me/external/FreeGame/v1/CreateFreeGameByBetAmount?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&currency=CNY&free_game_name=FreeGame2019&expired_date=1745289243000&status=1&bonus_maximum_conversion_amount=10&maximum_conversion_amount=1&bonus_type=1&bonus_ratio_amount=2&conversion_type=B&bet_amount=0.6&game_count=20&game_ids=1&game_ids=2&is_event=true&player_name=player1&transaction_id=12345&non_discardable=False
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
freeGameId	Integer	Unique identity of free game

Example:

```
{
    "data": {
            "freeGameId ": 10915
        },
    "error": null
}
```

2.2.10 Transfer Player to Standard Free Game

To add players into a standard free game.

Notes

- Each request is recommended to not have more than 200 players.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/TransferInFreeGame
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
free_game_id	Integer	Yes	Unique identity of free game
player_names	String Array	Yes	Unique identity of players
transfer_reference	String	Yes	Unique identity of transfer

Example:

URL:

```
https://api.pg-bo.me/external/FreeGame/v1/TransferInFreeGame?trace_id=b3f37e57-
2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&free_game_id=12&player_names=
player1&player_names=player2&transfer_reference=freegame_20181128
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
transactionId	String	Unique identity of transaction
operatorToken	String	Unique identity of operator
playerName	String	Unique identity of player
currencyCode	String	Currency of player
status	Integer	Status of transfer request: 0: Failed 1: Successful 2: Pending (For non-existent player, free game will be assigned to the player automatically after player is created.)

Example:

```
{
    "data": [
        {
            "transactionId": 10,
            "operatorToken": "abc123",
            "playerName": "player1",
            "currencyCode": "CNY",
            "status": 1
        } ,
        {
            "transactionId": 1,
            "operatorToken": "1234",
            "playerName": "player2",
            "currencyCode": "CNY",
            "status": 1
        }
    ],
    "error": null
}
```

2.2.11 Transfer Player to Flexible Free Game

To add players into a flexible free game. Operator can override the free game setting for a specific player.

Notes

- Each request is recommended to not have more than 200 players.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/TransferInFlexibleFreeGame
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_free_games	JSON String Array	Yes	The free game details that have been overridden for a single player
free_game_id	Integer	Yes	Unique identity of free game
transfer_reference	String	Yes	Unique identity of transfer
allow_multiple	Boolean	Yes	Allows player to re-register **True**: No. of times a player can re-register in a free game **False**: Player is only allowed to register once in a free game.

player_free_games JSON String:

Parameter name	Data type	Mandatory	Description
player_name	String	Yes	Unique identity of operator
free_game_count	Integer	Yes	Free game count that can be overridden for player **Value range: Value ≥ 1**
is_unlimited_bonus_maximum_conversion_amount	Bool	Yes	Sets bonus maximum conversion amount to unlimited

is_unlimited_free_game_maximum_conversion_amount	Bool	Yes	Sets free game maximum conversion amount to unlimited
bonus_minimum_conversion_amount	Decimal	No*	Bonus minimum conversion amount that can be overridden for a player **Value range: Value ≥ 1** **Default value: 0** **Note: System will use default conversion amount if value = 0**
bonus_maximum_conversion_amount	Decimal	No*	Bonus maximum conversion amount that can be overridden for a player **Value range: Value ≥ 1** **Default value: 0** **Note: System will use default conversion amount if value = 0**
free_game_minimum_conversion_amount	Decimal	No**	Free game minimum conversion amount that can be overridden for a player **Value range: Value ≥ 1** **Default value: 0** **Note: System will use default conversion amount if value = 0**
free_game_maximum_conversion_amount	Decimal	No**	Free game maximum conversion amount that can be overridden for a player **Value range: Value ≥ 1** **Default value: 0** **Note: System will use default conversion amount if value = 0**
description	String	No	Reference note for transfer

*Only applicable if *is_unlimited_bonus_maximum_conversion_amount* parameter value is false
**Only applicable if *is_unlimited_free_game_maximum_conversion_amount* parameter value is false

Example:

URL:
```
https://api.pg-bo.me/external/FreeGame/v1/TransferInFlexibleFreeGame?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_free_games={"player_name":"player1","free_game_count":10,"is_unlimited_bonus_maximum_conversion_amount":false,"is_unlimited_free_game_maximum_conversion_amount":false,"bonus_maximum_conversion_amount":100.50,"free_game_maximum_conversion_amount":100.50,"description":"VIP"}&free_game_id=3&transfer_reference=freegame_20181128&allow_multiple=false
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
transactionId	String	Unique identity of transaction
operatorToken	String	Unique identity of operator
playerName	String	Unique identity of player
currencyCode	String	Currency of player
freeGameCount	Integer	Number of player free games
status	Integer	Status of transfer request: 0: Failed 1: Successful 2: Pending (For non-existent player, free game will be assigned to the player automatically after player is created.)

Example:

```
{
    "data": [
        {
            "transactionId": 10,
            "operatorToken": "abc123",
            "playerName": "player1",
            "currencyCode": "CNY",
            "freeGameCount": 10,
            "status": 1
        } ,
        {
            "transactionId": 1,
            "operatorToken": "1234",
            "playerName": "player2",
            "currencyCode": "CNY",
            "freeGameCount": 10,
            "status": 1
        }
    ],
    "error": null
}
```

2.2.12 Cancel Free Game

To cancel a created free game.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/CancelFreeGame
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
free_game_id	String	Yes	Unique identity of free game

Example:

URL:

```
https://api.pg-bo.me/external/FreeGame/v1/CancelFreeGame?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&free_game_id=10919
```

Response

Body Parameters:
JSON Object

Parameter name	Data type	Description
actionResult	Integer	Request results: False: Failed True: Successful

Example:

```
{
    "data": {
            "actionResult": true
        },
    "error": null
}
```

2.2.13 Cancel Free Game of a Player

To cancel a free game of a specific player.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/CancelPlayerFreeGame
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** - **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_name	String	Yes	Unique identity of player
balance_id	Integer	Yes	Unique identity of player’s free game wallet

Example:

URL:

```
https://api.pg-bo.me/external/FreeGame/v1/CancelPlayerFreeGame?trace_id=b3f37e57-
2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_name=player1&balance_i
d=10919
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
actionResult	Integer	Request results: False: Failed True: Successful

Example:

```
{
    "data": {
            "actionResult": true
        },
    "error": null
}
```

2.2.14 Cancel Free Game of an Unregistered Player

To cancel a free game for a specific unregistered player.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/CancelPendingPlayerFreeGame
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
pending_wallet_id	Integer	Yes	Unique identity of player’s free game wallet

Example:

URL:

```
https://api.pg-bo.me/external/FreeGame/v1/CancelPendingPlayerFreeGame?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&pending_wallet_id=10919
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
actionResult	Integer	Request results: False: Failed True: Successful

Example:

```
{
    "data": {
            "actionResult": true
        },
    "error": null
}
```

2.2.15 Cancel All Free Games of a Player

To cancel all free games of a player.

Request

API URL : {PgSoftAPIDomain}/FreeGame/v1/CancelPlayerAllFreeGame
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_name	String	Yes	Unique identity of player
free_game_id	Integer	Yes	Unique identity of free game

Example:

URL:

```
https://api.pg-bo.me/external/FreeGame/v1/CancelPlayerAllFreeGame?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_name=player1&free_game_id=10919
```

Response

Body Parameters:
JSON Object

Parameter name	Data type	Description
actionResult	Integer	Request results: True: Successful

Example:

```
{
    "data": {
            "actionResult": true
        },
    "error": null
}
```

2.2.16 Get Free Game Player's Summary

To get a summary of a free game player.

Request

API URL : {DataGrabAPIDomain}/FreeGame/v1/GetFreeGamePlayerSummary
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** - **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
rowVersion	Long	No	Updated time of data (Unix time stamp in milliseconds)
player_name	String	No	Unique identity of player
row_count	Integer	No	Number of records for each batch **Note:** - **Default value: 1** - **Value range: 1-5000**
currency	String	No	Currency of player
free_game_id	Integer	No	Unique identity of free game

Example:

URL:

```
https://api.pg-bo.me/external-datagrabber/
FreeGame/v1/GetFreeGamePlayerSummary?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&rowVersion=1346592723000&play
er_name=testplayer1&row_count=10&currency=CNY&free_game_id=12345
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
lastRowVersion	Long	Updated time of data (Unix time stamp in milliseconds)
result	JSON Array	List of the result

JSON Array

Parameter name	Data type	Description
freeGameId	Integer	Unique identity of free game ID
freeGameParentId	Integer	Unique identity of free game parent ID
playerName	String	Unique identity of player
currencyCode	String	Currency of player
totalFreeGame	Integer	Total number of given free games
coinSize	Decimal	Bet size of free game
multiplier	Integer	Bet multiplier of free game
payout	Decimal	Amount to covert to cash from free game
remainCount	Integer	Total number of remaining free games
conversionType	Char	Type of conversion after free game is completed: C: Cash B: Bonus
status	Integer	Status of free game: 0: Inactive 1: Active 2: Expired 3: Converted 4: Completed 5: New 6: User Cancelled 8: Pending
createdTime	Long	Created time of free game
updatedTime	Long	Updated time of free game

Example:

```
{
    "data": {
        "lastRowVersion": 1526371744000,
        "result": [
            {
                "freeGameId": 2,
                "freeGameParentId": 2,
                "playerName": "qa1",
                "currencyCode": "CNY",
                "totalFreeGame": 1,
                "coinSize": 0.01,
                "multiplier": 10,
                "payout": 0.0,
                "remainCount": 1,
                "conversionType": "Bonus",
                "status": 0,
                "createdTime": 1526371189000,
                "updatedTime": 1526371744000
            }
        ]
    },
    "error": null
}
```

2.3 Bonus [Latest version: v1]

2.3.1 Get Bonus Game List

To get the created bonus games list.

Request

API URL : {PgSoftAPIDomain}/Bonus/v1/GetBonus
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
from_time	Long	No	Time range of bonus games' start times (Unix time stamp in milliseconds)
to_time	Long	No	
from_created_time	Long	No	Time range of bonus games' created times (Unix time stamp in milliseconds)
to_created_time	Long	No	
bonus_id	Integer	No	Unique identity of bonus game
currency	String	No	Currency of bonus game
bonus_name	String	No	Given name of bonus game
bonus_transfer_type	Integer	No	Transfer type for bonus game: 0: Standard 3: Flexible
status	Integer	No	Status of bonus game: 0: Inactive 1: Active 2: Expired

Example:

URL:

```
https://api.pg-bo.me/external/Bonus/v1/GetBonus?trace_id=b3f37e57-2873-40b1-aa95-
f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=500&f
rom_time=1346592723000&to_time=1546592723000&from_created_time=1346592723000&to_cr
eated_time=1546592723000&bonus_id=12345&currency=CNY&bonus_name=BonusGame2019&bonu
s_transfer_type=1&status=1
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of details of multiple bonus games

JSON Array

Parameter name	Data type	Description
operatorToken	String	Unique identity of operator
bonusId	Integer	Unique identity of bonus game
bonusName	String	Given name of bonus game
isEvent	Boolean	Type of bonus game: True: Flexible False: Standard
gameIds	Integer Array	Unique identity of games
currencyCode	String	Currency of bonus game
bonusRatio	Decimal	Wagering requirement for bonus game. Refers to the multiple of the turnover that needs to be completed
bonusRatioAmount	Decimal	Wagering requirement for bonus game. Refers to the total amount that needs to be completed
bonusMinimumConversionAmount	Decimal	The minimum cash conversion amount of free game
bonusMaximumConversionAmount	Decimal	The maximum cash conversion amount of free game
bonusType	Integer	Bonus game wagering condition: 0: Bonus 1: Cash 2: Bonus & Cash
status	Integer	Status of bonus game:

		0: Inactive (Cancelled) 1: Active 2: Expired
bonusAmountGiven	Decimal	Total amount of bonus given
numberOfPlayers	Integer	Total number of players in bonus game
expiredDate	Long	Expiry date of bonus game (Unix time stamp in milliseconds)
createdDate	Long	Created date of bonus game (Unix time stamp in milliseconds)
isSuppressDiscard	Boolean	Permission to allow players to cancel offer True: Do not allow player to cancel offer False: Allows player to cancel offer

Example:

```
{
    "data": {
        "totalCount": 2583,
        "totalPage": 259,
        "result": [
            {
                "operatorToken": "abcd",
                "bonusId": 118,
                "bonusName": "bonus118",
                "bonusType": 0,
                "isEvent": false,
                "gameIds": [
                    1
                ],
                "amount": 57000,
                "currencyCode": "MYR",
                "bonusRatio": 3,
                "bonusRatioAmount": 171000,
                "bonusMinimumConversionAmount": 1000.00,
                "bonusMaximumConversionAmount": 1500.00,
                "status": 1,
                "numberOfPlayers": 0,
                "bonusAmountGiven": 0,
                "createdDate": 1497001371000,
                "isSuppressDiscard": false
            },
            {
                "operatorToken": "abcd",
                "bonusId": 119,
                "bonusName": "bonus119",
                "bonusType": 0,
                "isEvent": false,
                "gameIds": [
                    1
                ],
                "amount": 500,
                "currencyCode": "USD",
                "bonusRatio": 2,
                "bonusRatioAmount": 1000,
                "status": 1,
                "numberOfPlayers": 1,
                "bonusAmountGiven": 0,
                "createdDate": 1497239059000
            }
        ]
    },
    "error": null
}
```

2.3.2 Get List of Bonus Games Converted to Cash

To get list of bonus games that has been converted to cash.

Request

API URL : {PgSoftAPIDomain}/Bonus/v1/GetBonusConvertedWallet
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
bonus_id	Integer	Yes	Unique identity of bonus
player_name	String	No	Unique identity of player **Note: Fuzzy matching is implemented**
from_transaction_time	Long	No	Time range of bonus player's transactions (Unix time stamp in milliseconds)
to_transaction_time	Long	No	

Example:

URL:

```
https://api.pg-bo.me/external/Bonus/v1/GetBonusConvertedWallet?trace_id=b3f37e57-
2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=500&b
onus_id=12345&player_name=player1&from_transaction_time=1346592723000&to_transacti
on_time=1346592723000
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalConvertedAmount	Decimal	Total amount that has been converted to cash through the bonus game
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of players details whose bonus game has been converted to cash

JSON Array

Parameter name	Data type	Description
balanceId	Integer	Unique identity of player's bonus game wallet
playerName	String	Unique identity of player
currencyCode	String	Currency of player
gameId	Integer	Unique identity of game
transactionAmount	Decimal	Converted amount of player
transactionDateTime	Long	Time of conversion (Unix time stamp in milliseconds)

Example:

```
{
    "data": {
        "totalConvertedAmount": 10,
        "totalCount": 1,
        "totalPage": 1,
        "result": [
            {
                "balanceId": 13787,
                "playerName": "qa18",
                "currencyCode": "CNY",
                "gameId": 8,
                "transactionAmount": 10,
                "transactionDateTime": 1547449915000
            }
        ],
        [
            {
                "balanceId": 13788,
                "playerName": "qa18",
                "currencyCode": "CNY",
                "gameId": 8,
                "transactionAmount": 10,
                "transactionDateTime": 1547449915100
            }
        ]
    },
    "error": null
}
```

2.3.3 Get Bonus Game Players List

To get the list of registered players of a bonus game.

Request

API URL : {PgSoftAPIDomain}/Bonus/v1/GetBonusPlayers
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
bonus_id	Integer	Yes	Unique identity of bonus
player_name	String	No	Unique identity of bonus player **Note: Fuzzy matching is implemented**
from_time	Long	No	Time range of bonus games' start times (Unix time stamp in milliseconds)
to_time	Long	No	
from_created_time	Long	No	Time range of when players are registered into bonus games (Unix time stamp in milliseconds)
to_created_time	Long	No	
status	Integer	No	Status of bonus wallet: 0: Inactive (Cancelled) 1: Active 2: Expired 3: Converted 4: Completed 5: New 6: User Cancelled 8: Pending

Example:

URL:

```
https://api.pg-bo.me/external/Bonus/v1/GetBonusPlayers?trace_id=b3f37e57-2873-
40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=500&p
layer_name=player1&from_time=1346592723000&to_time=1546592723000&from_created_time
=1346592723000&to_created_time=1546592723000&bonus_id=12345&status=1
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of players in bonus game

JSON Array

Parameter name	Data type	Description
balanceId	Integer	Unique identity of player’s bonus wallet
playerId	Integer	Unique identity of bonus game’s player
playerName	String	Unique identity of bonus game’s player
walletType	String	Type of player wallet in bonus game: G: Free Game B: Bonus
balanceAmount	Decimal	Player’s balance in bonus game
bonusRatioAmount	Decimal	Wagering requirement for bonus game. Refers to the total amount that needs to be completed
MinimumConversionAmount	Decimal	Minimum conversion amount for bonus
MaximumConversionAmount	Decimal	Maximum conversion amount for bonus
status	Integer	Status of bonus wallet: 0: Inactive (Cancelled) 1: Active 2: Expired 3: Converted 4: Completed 5: New 6: User Cancelled 8: Pending
expiredDate	Long	Expiry date of bonus game (Unix time stamp in milliseconds)

updatedDate	Long	Date of when a player is registered or re-registered into the bonus game (Unix time stamp in milliseconds)
createdDate	Long	

Example:

```
{
    "data": {
        "totalCount": 2583,
        "totalPage": 259,
        "result": [
            {
                "balanceId": 111261,
                "playerId": 7443,
                "playerName": "player1",
                "walletType": "B",
                "balanceAmount": 874.4,
                "bonusRatioAmount": 874.4,
                "MinimumConversionAmount": 0,
                "MaximumConversionAmount": 0,
                "expiredDate": 1546991999000,
                "status": 2,
                "createdDate": 1546923615000,
                "updatedDate": 1546991999000
            },
            {
                "balanceId": 111252,
                "playerId": 7443,
                "playerName": "player2",
                "walletType": "G",
                "balanceAmount": 8.8,
                "MinimumConversionAmount": 0,
                "MaximumConversionAmount": 0,
                "expiredDate": 1546991999000,
                "status": 6,
                "createdDate": 1546918715000,
                "updatedDate": 1547028195000
            }
        ]
    },
    "error": null
}
```

2.3.4 Get List of Unregistered Players of Bonus Game

To get list of unregistered players of a bonus game.

Request

API URL : {PgSoftAPIDomain}/Bonus/v1/GetBonusPendingPlayers
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
bonus_id	Integer	Yes	Unique identity of bonus game
player_name	String	No	Unique identity of bonus game’s unregistered player **Note: Fuzzy matching is implemented**
created_by	String	No	API or BackOffice user who registered the player
status	Integer	No	Status of unregistered player’s wallet: 0: Inactive (Cancelled) 1: Pending 2: Transferred

Example:

URL:
```
https://api.pg-bo.me/external/Bonus/v1/GetBonusPendingPlayers?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=500&player_name=player1&bonus_id=12345&created_by=external&status=1
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of unregistered players in a bonus game

JSON Array

Parameter name	Data type	Description
pendingWalletId	Integer	Unique identity of unregistered player’s bonus wallet
playerName	String	Unique identity of unregistered player in bonus game
status	Integer	Status of unregistered player’s wallet: 0: Inactive (Cancelled) 1: Pending 2: Transferred
updatedDate	Long	Date of when a player is registered or re-registered into the bonus game (Unix time stamp in milliseconds)
createdDate	Long	
createdBy	String	API or BackOffice user who registered the player
updatedBy	String	

Example:

```
{
    "data": {
        "totalCount": 2,
        "totalPage": 1,
        "result": [
            {
                "pendingWalletId": 140392,
                "playerName": "eddywang9999",
                "status": 1,
                "createdDate": 1554351552000,
                "updatedDate": 1554351552000,
                "createdBy": "External API",
                "updatedBy": "External API"
            },
            {
                "pendingWalletId": 140393,
                "playerName": "eddywang99999",
                "status": 1,
                "createdDate": 1554351682000,
                "updatedDate": 1554351682000,
                "createdBy": "External API",
                "updatedBy": "External API"
            }
        ]
    },
    "error": null
}
```

2.3.5 Get All Player Details in Bonus Game

To get the details of all players in a bonus game.

Request

API URL : {PgSoftAPIDomain}/Bonus/v1/GetBonusAllPlayers
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
bonus_id	Integer	Yes	Unique identity of bonus game
player_name	String	No	Unique identity of bonus game's player **Note: Fuzzy matching is implemented**
from_time	Long	No	Time range of bonus games' start times (Unix time stamp in milliseconds)
to_time	Long	No	
from_created_time	Long	No	Time range of bonus games' created times (Unix time stamp in milliseconds)
to_created_time	Long	No	
status	Integer	No	Status of bonus wallet: 0: Inactive (Cancelled) 1: Active 2: Expired 3: Converted 4: Completed 5: New 6: User Cancelled 8: Pending

Example:

URL:

```
https://api.pg-bo.me/external/Bonus/v1/GetBonusAllPlayers?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=500&player_name=player1&from_time=1346592723000&to_time=1546592723000&from_created_time=1346592723000&to_created_time=1546592723000&bonus_id=12345&status=1
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of all players in a bonus game

JSON Array

Parameter name	Data type	Description
balanceId	Integer	Unique identity of player's bonus wallet
playerId	Integer	Unique identity of bonus game's player
playerName	String	Unique identity of bonus game's player
walletType	String	Type of player wallet: G: Free Game B: Bonus
balanceAmount	Decimal	Player balance of unconverted bonus game, or converted amount of converted bonus game
bonusRatioAmount	Decimal	Wagering requirement for bonus game. Refers to the total amount that needs to be completed
MinimumConversionAmount	Decimal	Minimum conversion amount for bonus game
MaximumConversionAmount	Decimal	Maximum conversion amount for bonus game
status	Integer	Status of bonus wallet: 0: Inactive (Cancelled) 1: Active 2: Expired 3: Converted 4: Completed 5: New 6: User Cancelled 8: Pending
expiredDate	Long	Expiry date of bonus game

		(Unix time stamp in milliseconds)
updatedDate	Long	Date of when a player is registered or re-registered into the bonus game (Unix time stamp in milliseconds)
createdDate	Long	

Example:

```
{
    "data": {
        "totalCount": 2583,
        "totalPage": 259,
        "result": [
            {
                "balanceId": 111261,
                "playerId": 7443,
                "playerName": "player1",
                "walletType": "B",
                "balanceAmount": 874.4,
                "bonusRatioAmount": 874.4,
                "MinimumConversionAmount": 0,
                "MaximumConversionAmount": 0,
                "expiredDate": 1546991999000,
                "status": 2,
                "createdDate": 1546923615000,
                "updatedDate": 1546991999000
            },
            {
                "balanceId": 111252,
                "playerId": 7443,
                "playerName": "player2",
                "walletType": "G",
                "balanceAmount": 8.8,
                "MinimumConversionAmount": 0,
                "MaximumConversionAmount": 0,
                "expiredDate": 1546991999000,
                "status": 6,
                "createdDate": 1546918715000,
                "updatedDate": 1547028195000
            }
        ]
    },
    "error": null
}
```

2.3.6 Get Single Player Details in Bonus Game

To get the details of a single player in a bonus game.

Request

API URL : {PgSoftAPIDomain}/Bonus/v1/GetPlayerBonus
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
player_name	String	Yes	Unique identity of bonus player
status	Integer Array	No	Status of bonus wallet: 0: Inactive (Cancelled) 1: Active 2: Expired 3: Converted 4: Completed 5: New 6: User Cancelled 8: Pending

Example:

URL:
```
https://api.pg-bo.me/external/Bonus/v1/GetPlayerBonus?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=500&player_name=player1&status=1&status=1&status=2
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of bonus games of a single player

JSON Array

Parameter name	Data type	Description
bonusId	Integer	Unique identity of bonus game **Note: Free game ID will be returned for bonus that have been converted from free game**
bonusName	String	Given name of bonus game
gameIds	Integer Array	Unique identity of games
balanceAmount	Decimal	Player balance of unconverted bonus game, or converted amount of converted bonus game
maximumConversionAmount	Decimal	Maximum conversion amount for bonus
bonusRatioAmount	Decimal	Wagering requirement for bonus game. Refers to the total amount that needs to be completed
bonusParentType	Integer	Type of bonus parent: B: Bonus game that was created normally G: Bonus game that was converted from free game
status	Integer	Status of bonus wallet: 0: Inactive (Cancelled) 1: Active 2: Expired 3: Converted 4: Completed 5: New 6: User Cancelled 8: Pending
createdDate	Long	Created date of bonus game (Unix time stamp in milliseconds)
expiredDate	Long	Expiry date of bonus game (Unix time stamp in milliseconds)
createdBy	String	API or BackOffice user who created or updated the bonus game
updatedBy	String	

Example:

```
{
    "data": {
        "totalCount": 2583,
        "totalPage": 259,
        "result": [
            {
                "bonusId": 11385,
                "bonusName": "Bonus 1",
                "bonusParentType": "B",
                "gameIds": [
                    9
                ],
                "balanceAmount": 1000000,
                "bonusRatioAmount": 1000,
                "maximumConversionAmount": 5000,
                "status": 2,
                "createdDate": 1531981770000,
                "expiredDate": 1532015999000,
                "createdBy": "Operator1",
                "updatedBy": "Operator1"
            },
            {
                "bonusId": 12271,
                "bonusName": "Bonus 2",
                "bonusParentType": "G",
                "gameIds": [
                    27
                ],
                "balanceAmount": 1000000,
                "bonusRatioAmount": 10000,
                "maximumConversionAmount": 500,
                "status": 2,
                "createdDate": 1537413312000,
                "expiredDate": 1537487999000,
                "createdBy": "Operator1",
                "updatedBy": "Operator1"
            }
        ]
    },
    "error": null
}
```

2.3.7 Create Bonus Game

To create new bonus game.

Notes

- Each request is recommended to not have more than 200 players.

Request

API URL : {PgSoftAPIDomain}/Bonus/v1/CreateBonus
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
currency	String	Yes	Currency of bonus game
bonus_name	String	Yes	Given name of bonus game
bonus_amount	decimal	Yes	Bonus amount to be given for each player
expired_date	long	Yes	Expiry date of bonus game (Unix time stamp in milliseconds)
minimum_conversion_amount	Decimal	No	Minimum conversion amount for bonus game NULL: No limit for conversion amount
maximum_conversion_amount	Decimal	No	Maximum conversion amount for bonus game NULL: No limit for conversion amount
bonus_type	Integer	Yes	Bonus game wagering condition: 0: Bonus 1: Cash 2: Bonus & Cash
bonus_ratio_amount**	Decimal	No	Wagering requirement for bonus game. Refers to the total amount that needs to be completed
bonus_ratio**	Decimal	Yes	Wagering requirement for bonus game.

			Refers to the multiple of the turnover that needs to be completed **Turnover = bonus ratio x bonus amount**
game_ids	Integer Array	Yes	Unique identity of games **Note: Only games with same base bet are accepted**
is_event	Boolean	Yes	Type of bonus game: True: Flexible False: Standard
player_name	String	No	Unique identity of player. System will create bonus game and assign to this player directly
transaction_id	String	Yes	Unique identity of transaction. **Note: System will return a corresponding bonus ID for a duplicated transaction**
non_discardable	Boolean	No	Players are not allowed to discard the offer: True: Do not allow player to discard the offer False: Allows player to discard the offer

**Turnover condition of *bonus_ratio* will be overridden if *bonus_ratio_amount* is provided

Example:

URL:

```
https://api.pg-bo.me/external/Bonus/v1/CreateBonus?trace_id=b3f37e57-2873-40b1-
aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&currency=CNY&bonus_name=Bonus
2019&bonus_amount=100.00&expired_date=1745289243000&status=1&maximum_conversion_am
ount=1&bonus_type=1&bonus_ratio_amount=2&game_ids=1&game_ids=2&is_event=true&playe
r_name=player1&transaction_id=12345&non_discardable=False
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
bonusId	Integer	Unique identity of bonus game

Example:

```
{
    "data": {
            "bonusId ": 10915
        },
    "error": null
}
```

2.3.8 Transfer Player to Standard Bonus Game

To add players into a created standard bonus game. Operator can only transfer players into a pre-set bonus game.

Notes

- Each request is recommended to not have more than 200 players.

Request

API URL : {PgSoftAPIDomain}/Bonus/v1/TransferInBonus
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** ● **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
bonus_id	Integer	Yes	Unique identity of bonus game
player_names	String Array	Yes	Unique identity of players
transfer_reference	String	Yes	Unique identity of transfer

Example:
URL:
```
https://api.pg-bo.me/external/Bonus/v1/TransferInBonus?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&bonus_id=12&player_names=player1&player_names=player2&transfer_reference=bonusgame_20181128
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
transactionId	String	Unique identity of transaction
operatorToken	String	Unique identity of operator
playerName	String	Unique identity of player
currencyCode	String	Currency of player
status	Integer	Status of transfer request: 0: Failed 1: Successful 2: Pending (For non-existent player, bonus game will be assigned to the player automatically after player is created.)

Example:

```
{
    "data": [
        {
            "transactionId": 10,
            "operatorToken": "abc123",
            "playerName": "player1",
            "currencyCode": "CNY",
            "status": 1
        },
        {
            "transactionId": 1,
            "operatorToken": "1234",
            "playerName": "player2",
            "currencyCode": "CNY",
            "status": 1
        }
    ],
    "error": null
}
```

2.3.9 Transfer Player to Flexible Bonus Game

To add players into a created flexible bonus game. Operator can override bonus game setting for a specific player.

Notes

- Each request is recommended to not have more than 200 players.

Request

API URL : {PgSoftAPIDomain}/Bonus/v1/TransferInFlexibleBonus
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_bonuses	JSON String Array	Yes	Overridden default bonus game's information for players
bonus _id	Integer	Yes	Unique identity of bonus game
transfer_reference	String	Yes	Unique identity of transfer
allow_multiple	Boolean	Yes	**True**: No. of times a player can re-register in a bonus game **False**: Player is only allowed to register once in a bonus game.

player_bonuses JSON String:

Parameter name	Data type	Mandatory	Description
player_name	String	Yes	Unique identity of operator
bonus_amount	Integer	Yes	Custom bonus amount for player **Value range: Value ≥ 1**
is_unlimited_bonus_maximum_conversion_amount	Boolean	Yes	Sets bonus game's maximum conversion amount to unlimited
bonus_minimum_conversion_amount	Decimal	No*	Custom bonus game's minimum conversion amount for player

			Value range: Value ≥ 1 **Default value: 0** **Note: System will use default conversion amount if value = 0**
bonus_maximum_conversion_amount	Decimal	No*	Custom bonus game’s maximum conversion amount for player **Value range: Value ≥ 1** **Default value: 0** **Note: System will use default conversion amount if value = 0**
description	String	No	Reference note for transfer

*Only applicable if *is_unlimited_bonus_maximum_conversion_amount* parameter value is false

Example:

URL:

```
https://api.pg-bo.me/external/Bonus/v1/TransferInFlexibleBonus?trace_id=b3f37e57-
2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_bonuses={"player_name"
:"player1","bonus_amount":10,"is_unlimited_bonus_maximum_conversion_amount":false,
"bonus_maximum_conversion_amount":100.50,"description":"VIP"}&bonus_id=3&transfer_
refer
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
transactionId	String	Unique identity of transaction
operatorToken	String	Unique identity of operator
playerName	String	Unique identity of player
currencyCode	String	Currency of player
status	Integer	Status of transfer request: 0: Failed 1: Successful 2: Pending (For non-existent player, bonus game will be assigned to the player automatically after player is created)

Example:

```
{
    "data": [
        {
            "transactionId": 10,
            "operatorToken": "abc123",
            "playerName": "player1",
            "currencyCode": "CNY",
            "status": 1
        },
        {
            "transactionId": 1,
            "operatorToken": "1234",
            "playerName": "player2",
            "currencyCode": "CNY",
            "status": 1
        }
    ],
    "error": null
}
```

2.3.10 Cancel Bonus Game

To cancel a created bonus game.

Request

API URL : {PgSoftAPIDomain}/Bonus/v1/CancelBonus
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
bonus _id	String	Yes	Unique identity of bonus game

Example:

URL:

```
https://api.pg-bo.me/external/Bonus/v1/CancelBonus?trace_id=b3f37e57-2873-40b1-
aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&bonus_id=10919
```

Response

Body Parameters:
JSON Object

Parameter name	Data type	Description
actionResult	Integer	Request results: False: Failed True: Successful

Example:

```
{
    "data": {
            "actionResult": true
        },
    "error": null
}
```

2.3.11 Cancel Bonus Games of Registered Player

To cancel a bonus game of a specific registered player.

Request

API URL : {PgSoftAPIDomain}/Bonus/v1/CancelPlayerBonus
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_name	String	Yes	Unique identity of player
balance_id	Integer	Yes	Unique identity of player's bonus wallet

Example:

URL:

```
https://api.pg-bo.me/external/Bonus/v1/CancelPlayerBonus?trace_id=b3f37e57-2873-
40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_name=player1&balance_i
d=10919
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
actionResult	Integer	Request results: False: Failed True: Successful

Example:

```
{
    "data": {
            "actionResult": true
        },
    "error": null
}
```

2.3.12 Cancel Bonus Game of Unregistered Player

To cancel a bonus game of a specific unregistered player.

Request

API URL : {PgSoftAPIDomain}/Bonus/v1/CancelPendingPlayerBonus
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
pending_wallet_id	Integer	Yes	Unique identity of player's bonus wallet

Example:

URL:

```
https://api.pg-bo.me/external/Bonus/v1/CancelPendingPlayerBonus?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&pending_wallet_id=10919
```

Response

Body Parameters:
JSON Object

Parameter name	Data type	Description
actionResult	Integer	Request results: False: Failed True: Successful

Example:

```
{
    "data": {
            "actionResult": true
        },
    "error": null
}
```

2.3.13 Cancel All Bonus Games of a Player

To cancel all bonus games of a player.

Request

API URL : {PgSoftAPIDomain}/Bonus/v1/CancelPlayerAllBonus
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** - **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_name	String	Yes	Unique identity of player
bonus_id	Integer	Yes	Unique identity of bonus game

Example:

URL:

```
https://api.pg-bo.me/external/Bonus/v1/CancelPlayerAllBonus?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_name=player1&bonus_id=10919
```

Response

Body Parameters:
JSON Object

Parameter name	Data type	Description
actionResult	Integer	Request results: False: Failed True: Successful

Example:

```
{
    "data": {
            "actionResult": true
        },
    "error": null
}
```

2.4 Tournament [Latest version: v2]

2.4.1 Get Tournaments List

To get list of tournaments.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/GetTournaments
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** - **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
status	Integer Array	No	Status of tournament: 0: Cancel 1: InProgress 2: New 3: End
game_ids	Integer Array	No	Unique identity of games
language	String	No	Response language for tournament information: en-US: English (Default) zh-CN: Chinese
start_time	Long	No	Time range of tournaments' start times and end times (Unix time stamp in milliseconds)
end_time	Long	No	
currency	string	No	Currency used in the tournament
from_created_time	Long	No	Time range of tournament's start time and end time (Unix time stamp in milliseconds)
to_created_time	Long	No	

Example:

URL:

```
https://api.pg-bo.me/external/Tournament/v2/GetTournaments?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&status=1&status=2&game_ids=1&game_ids=2&language=zh-cn&start_time=1559145500000&end_time=1559145600000&currency=CNY&from_created_time=1559145500000&to_created_time=1559145600000
```

Response

Body Parameters:

JSON Array

Parameter name	Data type	Description
tournamentKey	String	Unique key of tournament
tournamentId	Long	Unique identity of tournament
subTournamentId	Long	Unique identity of Sub-Tournament
name	String	Name of tournament
description	String	Description of tournament
registrationFees	String	Registration fees of tournament
prize_type	Integer	Type of Tournament prize 0: Item prize 1: Cash prize
prize	String Array	Prizes of tournament
registrationUrl	String	Registration URL of tournament
hasSubTournaments	Boolean	To indicate if Sub-Tournament exists
subTournamentStatus	Decimal	Status of Sub-Tournament
subTournamentStartTime	Long	Start time of Sub-Tournament (Unix time stamp in milliseconds)
subTournamentEndTime	Long	End time of Sub-Tournament (Unix time stamp in milliseconds)
numberOfPlayers	Integer	Number of participants in tournament
initialPoint	Decimal	Initial balance of tournament
qualifiedPoint	Decimal	Points needed for tournament player to enter the leaderboard
gameMode	Integer	Tournament mode: 1: Accumulation 2: Depletion 3: Hybrid (Accumulation + Depletion)
rankStatus	Integer	Tournament leaderboard status: 0: Disabled 1: Enabled 2: Cut off (Tournament rank had been finalized)

status	Integer	Status of Tournament: 0: Cancel 1: InProgress 2: New 3: End
startTime	Long	Start time of tournament (Unix time stamp in milliseconds)
endTime	Long	End time of tournament (Unix time stamp in milliseconds)
createdTime	Long	Created time or updated time of tournament (Unix time stamp in milliseconds)
updatedTime	Long	
isCashMode	Boolean	Tournament Mode: Cash Tournament Point Tournament
isRequiredRegister	Boolean	To allow players to join the tournament manually or automatically
group	String Array	List of Currency
gameIds	Uint Array	List of game IDs
turnOverLimit	Decimal	Points required for players to join the tournament (total amount the player has bet or spent)
createdBy	String	API or BackOffice user who created tournament
operatorInfos	JSON Array	Operator details
isGlobal	Boolean	To indicate if it is a global tournament
numberOfPlayersLimit	Integer	Number of players that can join the tournament
creatorOperatorToken	String	Creator of the tournament

operatorInfos JSON Array

Parameter name	Data type	Description
operatorName	String	Name of operator
operatorToken	String	Unique identity of operator
group	String Array	Currency list
createdTime	Long	Created time of tournament
updatedTime	Long	Last updated time of tournament
createdBy	String	Creator of the tournament
updatedBy	String	Last update source of tournament

Example:

```
{
    "data": [ "data": [
        {
            "tournamentKey": "0_P-2819-3297_P",
            "tournamentId": 2819,
            "name": "Testing",
            "creatorOperatorToken": "abcd",
            "operatorInfos": [
                {
                    "operatorToken": "abcd",
                    "group": [
                        "CNY"
                    ],
                    "createdTime": 1633941729000,
                    "updatedTime": 1633941729000
                }
            ],
            "description": "",
            "group": [
                "CNY"
            ],
            "gameIds": [
                29
            ],
            "registrationFees": "",
            "prizeType": 0,
            "prize": {
                "winnerPrizeDetails": [
                    {
                        "positionTo": 1,
                        "item": "3"
                    }
                ]
            },
            "registrationUrl": "",
            "hasSubTournaments": false,
            "numberOfPlayersLimit": 33,
            "numberOfPlayers": 2,
            "initialPoint": 1.00000,
            "qualifiedPoint": 33.00000,
            "turnoverLimit": 11.0,
            "gameMode": 1,
            "rankStatus": 1,
            "isCashMode": false,
            "status": 1,
            "startTime": 1633910400000,
            "endTime": 1651256325000,
            "subTournamentId": 3297,
            "subTournamentStatus": 1,
            "subTournamentStartTime": 1633910400000,
            "subTournamentEndTime": 1651256325000,
            "createdTime": 1633936037000,
            "updatedTime": 1633936037000,
            "createdBy": "admin",
            "isRequiredRegister": true,
            "isGlobal": false
        },

],
    "error": null
}
```

2.4.2 Get Tournament Players List

To get list of tournament players.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/GetTournamentPlayersAsync
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
sub_tournament_id	Integer	Yes	Unique identity of Sub-Tournament
page_number	Integer	Yes	Batch number of data return
row_count	Integer	Yes	Number of records for each batch
player_names	String	No	Unique identity of tournament players
from_created_time	Long	No	Time range of when players were added into a tournament. (Unix time stamp in milliseconds)
to_created_time	Long	No	

Example:

URL:

```
https://api.pg-
bo.me/external/Tournament/v2/GetTournamentPlayersAsync?trace_id=b3f37e57-2873-
40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&page_number=1&row_count=1000&
sub_tournament_id=1460&player_names=qafmcny18&from_created_time=1559145500000&to_c
reated_time=1559145600000
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalCount	Integer	Total number of records
totalPage	Integer	Total number of available batches
result	JSON Array	List of players in tournament

JSON Array

Parameter name	Data type	Description
tournamentPlayerId	String	Unique identity of tournament player
operatorName	String	Name of operator
operatorToken	String	Unique identity of operator
playerName	String	Unique identity of player
balanceAmount	Decimal	Remaining balance of a player in tournament
point	Decimal	Total points won by player in tournament
remainingRevive	Integer	Remaining times to revive in tournament
remainingRegister	Integer	Remaining times to re-register in tournament
createdTime	Long	Time when player was added into tournament (Unix time stamp in milliseconds)
updatedTime	Long	Time of when tournament player's information was updated (Unix time stamp in milliseconds)
createdBy	String	API or BackOffice user who registered the player into the tournament

Example:

```
{
    "data": {
        "totalCount": 1,
        "result": [
            {
                "tournamentPlayerId": 0-456,
                "operatorName": "Pocket Game",
                "operatorToken": "1234",
                "playerName": "qafmcny18",
                "balanceAmount": 96,
                "point": 544.05,
                "remainingRevive": 0,
                "remainingRegister": 9,
                "createdTime": 1561640502000,
                "updatedTime": 1561640502000,
                "createdBy": "mei"
            },
             {
                "tournamentPlayerId": 0-456,
                "operatorName": "Pocket Game",
                "operatorToken": "1234",
                "playerName": "qafmcny19",
                "balanceAmount": 96,
                "point": 544.05,
                "remainingRevive": 0,
                "remainingRegister": 9,
                "createdTime": 1561640502000,
                "updatedTime": 1561640502000,
                "createdBy": "mei"
            }
        ],
        "totalPage": 1
    },
    "error": null
}
```

2.4.3 Get Tournament Top Rankings

To get tournament top rankings.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/GetTournamentTopRankingsAsync
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
tournament_id	Long	Yes	Unique identity of tournament
count	Integer	Yes	Records count of rankings
player_name	String	No	Unique identity of player

Example:

URL:

```
https://api.pg-bo.me/external/Tournament/v2/GetTournamentTopRankingsAsync?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&tournament_id=41&count=10&player_name=player1
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
top_ranking	JSON Array	List of tournament's top rankings

JSON Array

Parameter name	Data type	Description
tournamentPlayerId	String	Unique identity of tournament player
operatorName	String	Name of operator
operatorToken	Integer	Unique identity of operator
playerName	String	Unique identity of player
point	Decimal	Total points won by player in tournament
totalSpendPoint	Decimal	Total points spent by player
previousRank	Integer	Previous ranking of player
rank	Integer	Current ranking of player
lastUpdatedOn	Long	Last updated time of leader board (Unix time stamp in milliseconds)
IsRankingQualifiedPlayer	Boolean	To identify if a player is qualified to join the tournament

Example:

```
{
    "data":{
        "top_ranking": [
            {
                "tournamentPlayerId": 0-456,
                "operatorName": "Pocket Game",
                "operatorToken": "1234",
                "playerName": "player1",
                "point": 30360.98,
                "totalSpendPoint": 69376.8,
                "previousRank": 1,
                "rank": 1,
                "lastUpdatedOn": 1540380199000,
                "IsRankingQualifiedPlayer": true
            },
            {
                "tournamentPlayerId": 0-457,
                "operatorName": "Pocket Game",
                "operatorToken": "1234",
                "playerName": "player2",
                "point": 10000.74,
                "totalSpendPoint": 33,
                "previousRank": 2,
                "rank": 2,
                "lastUpdatedOn": 1540380199000
                "IsRankingQualifiedPlayer": true
            }
        ]
    },
    "error": null
}
```

2.4.4 Register Tournament Players

To add multiple players into a tournament.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/CreateTournamentPlayersAsync
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
tournament_id	Long	Yes	Unique identity of tournament Note: Please create tournament through PG BackOffice
player_names	String Array	Yes	Unique identity of player
allow_re-register	Boolean	Yes	To allow player to re-register to the same tournament: True: Allow False: Disallow

Example:

URL:

```
https://api.pg-bo.me/external/Tournament/v2/CreateTournamentPlayersAsync?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&tournament_id=41&player_names
=player1 &player_names=player2&allow_re-register=true
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
operatorToken	Integer	Unique identity of operator
tournamentPlayerId	String	Unique identity of tournament player
playerName	String	Unique identity of player
balanceAmount	Integer	Initial points in player balance
registerAllowed	Integer	Number of times allowed to re-register in tournament
reviveAllowed	Integer	Number of times allowed to revive in tournament
status	Integer	Tournament status: 0: Cancel 1: InProgress 2: New 3: End
tournamentKey	String	Unique key of tournament

Example:

```
{
    "data":[
        {
           "tournamentKey": "1855-2266-833649_P",
            "tournamentPlayerId": 0-456,
            "operatorToken": "1234",
            "playerName": " player1",
            "balanceAmount": 10000,
            "registerAllowed": 98,
            "reviveAllowed": 3,
            "status": 1
        },
        {
           "tournamentKey": "1865-2266-833649_P",
            "tournamentPlayerId": 0-457,
            "operatorToken": "1234",
            "playerName": " player1",
            "balanceAmount": 10000,
            "registerAllowed": 98,
            "reviveAllowed": 3,
            "status": 1
        },
        {
           "tournamentKey": "1866-2266-833649_P",
            "tournamentPlayerId": 0-458,
            "operatorToken": "1234",
            "playerName": " player2",
            "balanceAmount": 10000,
            "registerAllowed": 98,
            "reviveAllowed": 3,
            "status": 1
        }
       ],
    "error": null
}
```

2.4.5 Get Tournament Cash Prize Reward List

To get cash prize reward list of the tournament.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/GetTournamentAutoRewardCashPrize
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** - **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
start_time	Long	Yes	Time range of record's start times and end times (Unix time stamp in milliseconds) **Note: Value range 1 day - 14 days**
end_time	Long	Yes	
status	Integer	Yes	Reward status **1: Receive reward successfully** **0: Failed to receive reward**
transaction_id	Long	No	Unique identity of reward transaction
tournament_ids	Long	Yes	Unique identity of tournament
player_name	String	No	Unique identity of tournament players
currency	String	No	Currency used in tournament
page_number	Integer	No	Batch number of data return **Default value: 1**
row_count	Integer	No	Number of records for each batch **Default value: 5000**

Example:

URL:

```
https://api.pg-bo.me/external/Tournament/v2/GetTournamentAutoRewardCashPrize?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&start_time=1559145500000&end_time=1559145600000&status=1
```

Response

Body Parameters:

JSON Array

Parameter name	Data type	Description
totalCount	Integer	Total number of tournament records
totalPage	Integer	Total pages of tournament result
result	JSON Array	List of winners in tournament

result JSON Array

Parameter name	Data type	Description
tournamentId	Integer	Unique identity of tournament
currency	string	Currency used in the tournament
winners	JSON Array	List of winners in tournament

winners JSON Array

Parameter name	Data type	Description
transactionId	Long	Unique identity of reward transaction
transactionTime	Long	Time of reward transaction (Unix time stamp in milliseconds)
tournamentPlayerId	String	Unique identity of tournament player
operatorName	String	Name of operator
operatorToken	String	Unique identity of operator
playerName	String	Unique identity of player
point	Decimal	Total points won by a player in the tournament
rank	Integer	Player ranking of tournament
playerCurrency	String	Currency used by the player
adjustmentAmount	Decimal	Reward amount of player in tournament
message	String	Error message will pop up if there is an error

Example:

```
{
    "data": {
        "totalCount": 3,
        "result": [
            {
                "tournamentId": 175,
                "currency": "CNY",
                "winners": [
                    {
                        "transactionId": 27021004,
                        "transactionTime": 1599811942000,
                        "tournamentPlayerId": 0-456,
                        "operatorName": "Pocket Game",
                        "operatorToken": "abcd",
                        "playerName": "calven77407A5275",
                        "point": "233.03332",
                        "rank": 2,
                        "playerCurrency": "CNY",
                        "adjustmentAmount": 20000.00000,
                    }
                ]
            },
            {
                "tournamentId": 184,
                "currency": "CNY",
                "winners": [
                    {
                        "transactionId": 27021007,
                        "transactionTime": 1599811943000,
                        "tournamentPlayerId": 0-457,
                        "operatorName": "Pocket Game",
                        "operatorToken": "abcd",
                        "playerName": "JiaXiangHong",
                        "point": "213.03332",
                        "rank": 1,
                        "playerCurrency": "CNY",
                        "adjustmentAmount": 200.00000
                    },
                    {
                        "transactionId": 27021008,
                        "transactionTime": 1599811943000,
                        "operatorName": "Pocket Game",
                        "operatorToken": "abcd",
                        "tournamentPlayerId": 0-458,
                        "point": "633.03332",
                        "playerName": "dong",
                        "rank": 2,
                        "playerCurrency": "CNY",
                        "adjustmentAmount": 100.00000
                    }
                ]
            }
        ],
        "totalPage": 1
    },
    "error": null
}
```

2.4.6 Create Tournament

To create a tournament.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/CreateTournament
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
tournament_info	JSON Array	Yes	Tournament Info
has_sub_tournaments	Boolean	Yes	To identify if the tournament has Sub-Tournaments
game_mode	Uint	Yes	Point Tournament: 1: Accumulation 2: Depletion 3: Hybrid Cash Tournament: 4: Profit Percentage 5: Win Percentage 6: Profit Amount 7: Win Amount 8: Win count 9: Spin Count 10: Total Bet
qualified_point	Decimal	Yes	Required points for ranks
initial_point	Decimal	Yes	Initial points for tournament (only for point tournament)
game_ids	Uint Array	Yes	Game for tournament
currency	String Array	Yes	Currency used in the tournament
start_time	Long	Yes	Tournament start time
end_time	Long	Yes	Tournament end time
operator_token	String	Yes	Unique identity of operator

secret_key	String	Yes	Shared passphrase between PGSoft and operator
maximum_revive_allowed	Uint	No	Maximum number of times to re-play tournament
maximum_register_allowed	Uint	No	Maximum number of times to re-register tournament
sub_tournament_info	JSON Array	Depends on has_sub_tournament	Sub-Tournament information
number_of_player_limit	Uint	No	Maximum number of players to register tournament
minimum_bet_amount	Decimal	No	Minimum bet amount to register for the tournament
minimum_bet_count	Uint	No	Minimum number of bet count to register tournament
leaderboard_player	Uint	No	Number of players to show in the leaderboard
player_multiplier	Uint	No	Win multiplier for all players in the tournament
required_register	Bool	No	Allows players to manually register for current tournament
participant_tokens	String Array	Yes	Operators that are registered for the current tournament

tournament_info JSON Array

Parameter name	Data type	Description
language	String	Tournament Language
info	JSON Array	Tournament Information

Info JSON Array

Parameter name	Data type	Description
name	String	Name of the Tournament
description	String	Additional description
rules	String	Rules for the Tournament
winning_criteria	String	Winning Requirements
registration_fees	String	Registration fees of Tournament
registration_url	String	Tournament registration URL
prize_type	Uint	Type of Tournament prize 0: Item prize 1: Cash prize
prize_currency	String	Currency of the tournament’s prize
prize	JSON Array	Prize information

Prize JSON Array

Parameter name	Data type	Description
position_to	Integer	Range of the number of prize winners. Example: 3 = the current prize would be for 1st to 3rd winners.
item	String	Prize Item

sub_tournament_info JSON Array

Parameter name	Data type	Description
game_ids	Uint Array	Sub-Tournament Game IDs
start_time	Long	Sub-Tournament Start Time
end_time	Long	Sub-Tournament End Time

Example:

URL:

```
https://api.pg-bo.me/external/Tournament/v2/CreateTournament?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

tournament_info={"language":"fi-FI","info":{"name":"TournamentName","description":"TournamentDesc","rules":"TournamentRules","winning_criteria":"WinningCriteria","registration_fees":"RegistrationFees","registration_url":"RegistrationUrl","prize_type":0,"prize_currency":"CNY","prize":{"winner_prize_details":[{"position_to":1,"item":"1st prize"},{"position_to":3,"item":"2nd prize"},{"position_to":10,"item":"3rd prize"}]}}}&sub_tournament_info={"game_ids":[1,2,3],"start_time":1613623305000,"end_time":1613796105000}&has_sub_tournaments=true&start_time=1613623305000&end_time=1613796105000&currency=JPY&qualified_point=200&initial_point=199&game_mode=1&game_ids=1&game_ids=2&operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&maximum_revive_allowed=10&maximum_register_allowed=10&number_of_player_limit=10&minimum_bet_amount=3.1&minimum_bet_count=5&leaderboard_player=100&player_multiplier=2&required_register=true&participant_tokens=abc123&participant_tokens=abc1234

Response

Body Parameters:

Parameter name	Data type	Description
tournamentId	Uint	Create Tournament ID

Example:

```
{
   "data": {
      "tournamentId": 1859
   },
   "error": null
}
```

2.4.7 Update Tournament

To update a tournament.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/UpdateTournament
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
tournament_id	Integer	Yes	Unique identity of tournament
start_time	Long	Yes	Tournament start time
end_time	Long	Yes	Tournament end time
qualified_point	Decimal	Yes	Required points for ranks
game_ids	Integer Array	Yes	Games for tournament
currency	String Array	Yes	List of Tournament currency
number_of_player_limit	Integer	No	Maximum number of players to register tournament
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
participant_tokens	String Array	Yes	Operators that are registered for the current tournament

```
Example:
URL:
https://api.pg-bo.me/external/Tournament/v2/UpdateTournament?trace_id=b3f37e57-
2873-40b1-aa95-f126c25ed311

Body:
tournament_id=1757&start_time=1604016000000&end_time=1604102400000&qualified_point
=9639&game_ids=2&game_ids=1&currency=JPY&currency=CNY&number_of_player_limit=9639&
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&participant_tokens=abc1234
```

Response

Body Parameters:

Parameter name	Data type	Description
data	Boolean	Update status

```
Example:
{
    "data": true,
    "error": null
}
```

2.4.8 Update Sub-Tournament Information

To update a Sub-Tournament's information.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/UpdateSubTournament
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
tournament_id	Uint	Yes	Unique identity of tournament
sub_tournament_info	JSON Array	Yes	Sub-Tournament information
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
participant_tokens	String Array	Yes	Unique identity of operator

sub_tournament_info JSON Array

Parameter name	Data type	Description
sub_tournament_id	Uint	Unique identity of sub tournament
Interval_start_time	Long	Sub-Tournament Start / End Time (must be within start /end time of the Main Tournament)
Interval_end_time	Long	
game_ids	Uint Array	Sub-Tournament games

```
Example:
URL:
https://api.pg-
bo.me/external/Tournament/v2/UpdateSubTournament?trace_id=b3f37e57-2873-40b1-
aa95-f126c25ed311

Body:
tournament_id=1859&operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&sub_tourna
ment_info:{"sub_tournament_id":1737,"interval_start_time":1604016000000,"interval_
end_time":1604102400000,"game_ids":[1,2]}&participant_tokens=abc123&participant_to
kens=abc124
```

Response

Body Parameters:

Parameter name	Data type	Description
data	Boolean	Update status

```
Example:
{
    "data": true,
    "error": null
}
```

2.4.9 Get Tournament Information

To get a tournament's information.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/GetTournamentInfoLanguageByTournamentId
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** ● **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
tournament_id	Uint	Yes	Unique identity of tournament
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator

```
Example:
URL:
https://api.pg-
bo.me/external/Tournament/v2/GetTournamentInfoLanguageByTournamentId?trace_id=b3f3
7e57-2873-40b1-aa95-f126c25ed311

Body:
tournament_id=1845&operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl
```

Response

Body Parameters:

Parameter name	Data type	Description
tournamentInfoId	Uint	Unique identity of tournament info ID
language	String	Tournament supported language
name	String	Name of the Tournament
description	String	Additional description
rules	String	Rules for the Tournament
winningCriteria	String	Winning Requirements
registrationFees	String	Registration fees of Tournament
registrationUrl	String	Tournament registration Url
prizeType	Uint	Type of tournament prize 0: Item prize 1: Cash prize
prize	JSON Array	Prize details of tournament winner

prize_currency	String	Currency of the tournament’s prize
createdTime	Long	Created time of tournament
updatedTime	Long	Updated time of tournament
createdBy	String	API or BackOffice user who registered the player into the Tournament
updatedBy	String	API or Backoffice user who updated the Tournament

Example:

```
{
    "data": [
        {
            "tournamentInfoId": 1876,
            "language": "ja-JA",
            "name": "ILName",
            "description": "ILDesc",
            "rules": "ILRules",
            "winningCriteria": "ILWinningCt",
            "registrationFees": "ILRegistrationFees",
            "registrationUrl": "ILRegistrationUrl",
            "prizeType": 1,
            "prize": {
                "winnerPrizeDetails": {
                    "1": {
                        "positionFrom": 1,
                        "positionTo": 1,
                        "item": "myItem"
                    },
                    "2": {
                        "positionFrom": 2,
                        "positionTo": 2,
                        "item": "myItem2"
                    },
                    "3": {
                        "positionFrom": 3,
                        "positionTo": 3,
                        "item": "myItem3"
                    }
                }
            },
            "prizeCurrency": "CNY"
            "createdTime": 1606969557000,
            "updatedTime": 1607315386000,
            "createdBy": "External API",
            "updatedBy": "External API"
        }
    ],
    "error": null
}
```

2.4.10 Create Tournament Information

To create a tournament's information.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/CreateTournamentInfoLanguage
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** - **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
tournament_id	Uint	Yes	Unique identity of tournament
name	String	Yes	Name of the Tournament
language	String	Yes	Tournament supported languages
description	String	No	Additional description
rules	String	No	Rules for the Tournament
winning_criteria	String	No	Winning Requirements
registration_fees	String	No	Registration fees of Tournament
registration_url	String	No	Tournament registration URL
prize	JSON Array	No	Tournament prize
prize_type	Uint	No	Type of tournament prize 0: Item prize 1: Cash prize
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
prize_currency	String	Yes	Currency of the tournament's prize

prize JSON Array

Parameter name	Data type	Description
winner_prize_details	JSON Array	Tournament winner's prize

prize JSON Array

Parameter name	Data type	Description
position_to	Integer	Range of the number of prize winners. Example: 3 = the current prize would be for 1st to 3rd winners.
item	String	Prize Item

```
Example:
URL:
https://api.pg-bo.me/external/Tournament/v2/CreateTournamentInfoLanguage?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311

Body:
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&tournament_id=1845name=InfoLanguageName&language=ja-JA&description=XXX&rules=XXX&winning_criteria=XXX&registration_fees=XXX&registration_url=XXX&prize:{"winner_prize_details":[{"position_to":1,"item":"myItem"},{"position_to":2,"item":"myItem2"},{"position_to":3,"item":"myItem3"}]}&prize_type=1&prize_currency="CNY"
```

Response

Body Parameters:

Parameter name	Data type	Description
tournamentInfoId	Uint	Unique identity of tournament info

```
Example:

{
    "data": 1895,
    "error": null
}
```

2.4.11 Update Tournament Information

To update an existing tournament's information.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/UpdateTournamentInfoLanguage
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
tournament_id	Uint	Yes	Unique identity of tournament
tournament_info_id	String	Yes	Unique identity of tournament info
name	String	Yes	Name of the Tournament
language	String	Yes	Tournament supported language
description	String	No	Additional description
rules	String	No	Rules for the Tournament
winning_criteria	String	No	Winning Requirements
registration_fees	String	No-	Registration fees of Tournament
registration_url	String	No	Tournament registration Url
prize	JSON Array	No	Tournament prize
prize_type	Uint	No	Type of Tournament prize 0: Item prize 1: Cash prize
prize_currency	String	Yes	Currency of the tournament's prize
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator

prize JSON Array

Parameter name	Data type	Description
winner_prize_details	JSON Array	Tournament winner's prize

prize JSON Array

Parameter name	Data type	Description
position_to	Integer	Range of the number of prize winners. Example: 3 = the current prize would be for 1st to 3rd winners.
item	String	Prize Item

```
Example:
URL:
https://api.pg-
bo.me/external/Tournament/v2/UpdateTournamentInfoLanguage?trace_id=b3f37e57-2873-
40b1-aa95-f126c25ed311

Body:
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&tournament_id=1845&tournament
_info_id=1876&name=ILName&language=ja-
JA&description=ILDesc&rules=ILRules&winning_criteria=ILWinningCt&registration_fees
=ILRegistrationFees&registration_url=ILRegistrationUrl&prize:{"winner_prize_detail
s":[{"position_to":1,"item":"myItem"},{"position_to":2,"item":"myItem2"},{"positio
n_to":3,"item":"myItem3"}]}&prize_type=1&prize_currency="CNY"
```

Response

Body Parameters:

Parameter name	Data type	Description
data	Boolean	Update status

```
Example:

{
    "data": true,
    "error": null
}
```

2.4.12 Delete Tournament Information

To delete a specific information from a tournament.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/DeleteTournamentInfoLanguage
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
tournament_id	Uint	Yes	Unique identity of tournament
tournament_info_id	String	Yes	Unique identity of tournament info id
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator

```
Example:
URL:
https://api.pg-bo.me/external/Tournament/v2/DeleteTournamentInfoLanguage?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311

Body:
tournament_id=1845&tournament_info_id=1875&operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl
```

Response

Body Parameters:

Parameter name	Data type	Description
data	Boolean	Update status

```
Example:
{
    "data": true,
    "error": null
}
```

2.4.13 Remove a Tournament Player

To remove a Tournament player and their progress.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/CancelTournamentPlayer
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
tournament_player_id	String	Yes	Unique identity of tournament player id
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator

```
Example:
URL:
https://api.pg-bo.me/external/Tournament/v2/CancelTournamentPlayer?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311

Body:
tournament_player_id=843662&operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl
```

Response

Body Parameters:

Parameter name	Data type	Description
data	Boolean	Remove player status

```
Example:
{
    "data": true,
    "error": null
}
```

2.4.14 Revive Players

To reset the tournament progress for a specific player.

Request

API URL : {PgSoftAPIDomain}/Tournament/v2/RevivePlayers
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
player_name	String	Yes	Unique identity of player name
sub_tournament_id	Uint	Yes	Unique identity of Sub-Tournament
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator

```
Example:
URL:
https://api.pg-bo.me/external/Tournament/v2/RevivePlayers?trace_id=b3f37e57-2873-
40b1-aa95-f126c25ed311

Body:
tournament_player_id=843662&operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl
```

Response

Body Parameters:

Parameter name	Data type	Description
tournamentKey	String	Unique key of tournament
tournamentPlayerId	String	Unique identity of tournament player ID
operatorToken	String	Unique identity of operator
playerName	String	Unique identity of player name
balanceAmount	Decimal	Amount given to player when revived
registerAllowed	Integer	Numbers of times a player is allowed to re-register for the tournament
reviveAllowed	Integer	Numbers of times a player is allowed to be revived in a tournament

```
Example:
{
    "data": {
        "tournamentKey": "1870-2283-843667_P",
        "tournamentPlayerId": 0-456,
        "operatorToken": "a**d",
        "playerName": "hltestdev",
        "balanceAmount": 200.00000,
        "registerAllowed": 9,
        "reviveAllowed": 9
    },
    "error": null
}
```

2.5 Bet History [Latest version: v4]

PG provides APIs to get various types of bet history data. Please take note that API data will be only available within 3-5 minutes after each spin.
Only bets with completed status will be provided. Operator may check through PG Back Office for pending and failed bets.

Note:
External Bet History API is a dedicated API which using standalone URL: **{DataGrabAPIDomain}**

2.5.1 Get History

To get bet history.

Notes

- Operator can retrieve the bet history for the last 60 days.
- This API is for reporting purposes only. We do not recommend using this API for any other business operations. Please contact PG if you require it to integrate with business operations.
- PG may re-push data by renewing the data row version. Operator is required to identify and update duplicated data by *betId.*
- Data row version cannot be a unique value. Operator is required to grab at least 1500 records for every request.

Steps

- **Step 1:** In the very first GetHistory API call, set row_version = 1
- **Step 2:** Save the maximum rowVersion in each data grabbing request call
- **Step 3:** In the subsequence calls, set the row_version value to the saved rowVersion in Step 2.
- Repeat step 2 and 3 until records returned are lesser than the required count (e.g.: 1500 records per request)
- If the number of records returned are less than the required count, stop, and wait for a time interval (recommended 5 minutes) for the next API call
- Identify duplicate records by checking duplicate betId in each call

Request

API URL : {DataGrabAPIDomain}/Bet/v4/GetHistory
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
count	Integer	Yes	Number of records for each batch **Note: Value range 1500-5000**
bet_type	Integer	Yes	Bet types of bet record: 1: Real game
row_version	Long	Yes	Updated time of data (Unix time stamp in milliseconds) **Note:** • **Set value to 1 for first call** • **Operator is required to save maximum row_version for each call, to be used as row_version value for next call request**
hands_status	Long	No	Status of hands: 0: All (Default) 1: Non-last hand 2: Last hand 3: Adjusted

Example:

URL:

```
https://api.pg-bo.me/external-datagrabber/Bet/v4/GetHistory?trace_id=b3f37e57-
2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&count=5000&bet_type=1&row_ver
sion=1346592723000&hands_status=0
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
betId	Integer	Unique identity of child bet (Unique key value)
parentBetId	Integer	Unique identity of parent bet
playerName	String	Unique identity of player
currency	String	Currency used by player in the record
gameId	Integer	Unique identity of game
platform	Integer	Platform of bet record (Please refer to Platform for more information)
betType	Integer	Category of bet record: 1: Real game
transactionType	Integer	Category of transaction: 1: Cash 2: Bonus 3: Free game
betAmount	Decimal*	Turnover of player
winAmount	Decimal*	Pay-out of player
jackpotRtpContributionAmount	Decimal*	Jackpot RTP contribution amount of player
jackpotContributionAmount	Decimal*	Jackpot contribution amount of player
jackpotWinAmount	Decimal*	Jackpot win amount of player
balanceBefore	Decimal*	Balance of player before transaction
balanceAfter	Decimal*	Balance of player after transaction
handsStatus	Integer	Status of hand: 1: Non-last hand 2: Last hand 3: Adjusted
rowVersion	Long	Updated time of data (Unix time stamp in milliseconds)
betTime	Integer	Start time of current bet (Unix time stamp in milliseconds)
betEndTime	Integer	End time of current bet (Unix time stamp in milliseconds)
isFeatureBuy	Boolean	To indicate the spin type: True: Feature spin False: Normal spin

* System might return results up to 6 decimal places depending on game and balance

Example:

```
{
    "data":[
       {
                   "betId": 1443839146530971234,
                   "parentBetId": 1443839146530971234,
                   "playerName": "player1",
                   "currency": "CNY",
                   "gameId": 92,
                   "platform": 1,
                   "betType": 1,
                   "transactionType": 1,
                   "betAmount": 500.0,
                   "winAmount": 0.0,
                   "jackpotRtpContributionAmount": 0.0,
                   "jackpotContributionAmount": 0.0,
                   "jackpotWinAmount": 0.0,
                   "balanceBefore": 78962.39,
                   "balanceAfter": 78462.39,
                   "handsStatus": 2,
                   "rowVersion": 1633073283123,
                   "betTime": 1633073052123,
                   "betEndTime": 1633073052123,
                   "isFeatureBuy": false
               },
               {
                   "betId": 1443839117799981234,
                   "parentBetId": 1443839028721351234,
                   "playerName": "player1",
                   "currency": "CNY",
                   "gameId": 92,
                   "platform": 1,
                   "betType": 1,
                   "transactionType": 1,
                   "betAmount": 0.0,
                   "winAmount": 0.0,
                   "jackpotRtpContributionAmount": 0.0,
                   "jackpotContributionAmount": 0.0,
                   "jackpotWinAmount": 0.0,
                   "balanceBefore": 79462.39,
                   "balanceAfter": 79462.39,
                   "handsStatus": 2,
                   "rowVersion": 1633073284123,
                   "betTime": 1633073045123,
                   "betEndTime": 1633073045123,
                   "isFeatureBuy": false
               }
       ],
    "error": null
}
```

2.5.2 Get History for Specific Time

To get the bet history for a specific time range.

Notes

- Operator can retrieve the bet history for the last 60 days.
- This API is for reporting purposes only. We do not recommend using this API for any other business operations. Please contact PG if you require it to integrate with business operations.
- As data may update within an hour, we recommend operators to grabbing the data till an hour later and to always grab the data using automation.
- Other than that, we strongly recommend operators to grab the data by using Get History API instead of Get History for Specific Time API to avoid the data update delays.

Steps

- **Step 1:** In the very first GetHistory API call, set from_time = unix timestamp of your desired time, and set to_time as current time
- **Step 2:** Save the maximum betEndTime in each data grabbing request call
- **Step 3:** In the subsequence calls, set the from_time parameter value to the saved betEndTime in step 2, to_time parameter value may remain unchanged (current time)
- Repeat step 2 and 3 until records returned are lesser than the required count (e.g.: 1500 records per request)
- If number of records returned are less than the required count, stop, and wait for a time interval (recommended 5 minutes) for the next API call
- Identify duplicate records by checking duplicate betId in each call

Request

API URL : {DataGrabAPIDomain}/Bet/v4/GetHistoryForSpecificTimeRange
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** - **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
count	Integer	Yes	Number of records for each batch **Note: Value range 1500-5000**
bet_type	Integer	Yes	Bet types of bet record: 1: Real game
from_time	Long	Yes	Time range of the start time and end time of the bet records (Unix time stamp in milliseconds) **Note: Value range 1 day - 40 days**
to_time	Long	Yes	

Example:

URL:

```
https://api.pg-bo.me/external-datagrabber/Bet/v4/GetHistoryForSpecificTimeRange?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&count=5000&bet_type=1&from_time=1346592723000&to_time=1546592723000
```

Response

Body Parameters:

JSON Array

Parameter name	Data type	Description
betId	Integer	Unique identity of child bet (Unique key value)
parentBetId	Integer	Unique identity of parent bet
playerName	String	Unique identity of player
currency	String	Currency used by player in the record
gameId	Integer	Unique identity of game
platform	Integer	Platform of bet record (Please refer to Platform for more information)
betType	Integer	Category of bet record: 1: Real game
transactionType	Integer	Category of transaction: 1: Cash 2: Bonus 3: Free game
betAmount	Decimal*	Turnover of player
winAmount	Decimal*	Pay-out of player
jackpotRtpContributionAmount	Decimal*	Jackpot RTP contribution amount of player
jackpotContributionAmount	Decimal*	Jackpot contribution amount of player
jackpotWinAmount	Decimal*	Jackpot win amount of player
balanceBefore	Decimal*	Balance of player before transaction
balanceAfter	Decimal*	Balance of player after transaction
handsStatus	Integer	Status of hand: 1: Non-last hand 2: Last hand 3: Adjusted
rowVersion	Long	Updated time of data (Unix time stamp in milliseconds)
betTime	Integer	Start time of current bet (Unix time stamp in milliseconds)
betEndTime	Integer	End time of current bet (Unix time stamp in milliseconds)
isFeatureBuy	Boolean	To indicate the spin type: True: Feature spin False: Normal spin

* System might return results up to 6 decimal places depending on game and balance

Example:

```
{
    "data":[
              {
                  "betId": 1443924025750851234,
                  "parentBetId": 1443924025750851234,
                  "playerName": "player1",
                  "currency": "CNY",
                  "gameId": 89,
                  "platform": 1,
                  "betType": 1,
                  "transactionType": 1,
                  "betAmount": 6.0,
                  "winAmount": 0.0,
                  "jackpotRtpContributionAmount": 0.0,
                  "jackpotContributionAmount": 0.0,
                  "jackpotWinAmount": 0.0,
                  "balanceBefore": 17762.94,
                  "balanceAfter": 17756.94,
                  "handsStatus": 2,
                  "rowVersion": 1633093531234,
                  "betTime": 1633093281234,
                  "betEndTime": 1633093281234,
                  "isFeatureBuy": false
              },
              {
                  "betId": 1443924030033241234,
                  "parentBetId": 1443924030033241234,
                  "playerName": "player1",
                  "currency": "CNY",
                  "gameId": 89,
                  "platform": 1,
                  "betType": 1,
                  "transactionType": 1,
                  "betAmount": 6.0,
                  "winAmount": 36.0,
                  "jackpotRtpContributionAmount": 0.0,
                  "jackpotContributionAmount": 0.0,
                  "jackpotWinAmount": 0.0,
                  "balanceBefore": 17756.94,
                  "balanceAfter": 17786.94,
                  "handsStatus": 1,
                  "rowVersion": 1633093521234,
                  "betTime": 1633093291234,
                  "betEndTime": 1633093291234,
                  "isFeatureBuy": false
              }
        ],
    "error": null
}
```

2.5.3 Get Single Player History

To get bet history of specific player.

Notes

- Operator can retrieve the bet history for the last 60 days.
- This API is for reporting purposes only. We do not recommend using this API for any other business operations. Please contact PG if you require it to integrate with business operations.

Request

API URL : {DataGrabAPIDomain}/Bet/v4/GetPlayerHistory
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_name	String	Yes	Unique identity of player
bet_type	Integer	Yes	Bet types of bet record: 1: Real game
start_time	Long	Yes	Time range of start times and end times of bet records (Unix time stamp in milliseconds) **Note: Value range 1 day - 7 days**
end_time	Long	Yes	

Example:

URL:

```
https://api.pg-bo.me/external-
datagrabber/Bet/v4/GetPlayerHistory?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_name=player1&start_tim
e=1346592723000&end_time=1546592723000
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
betId	Integer	Unique identity of child bet (Unique key value)
parentBetId	Integer	Unique identity of parent bet
playerName	String	Unique identity of player
currency	String	Currency used by player in the record
gameId	Integer	Unique identity of game
platform	Integer	Platform of bet record (Please refer to Platform for more information)
betType	Integer	Category of bet record: 1: Real game
transactionType	Integer	Category of transaction: 1: Cash 2: Bonus 3: Free game
betAmount	Decimal*	Turnover of player
winAmount	Decimal*	Pay-out of player
jackpotRtpContributionAmount	Decimal*	Jackpot RTP contribution amount of player
jackpotContributionAmount	Decimal*	Jackpot contribution amount of player
jackpotWinAmount	Decimal*	Jackpot win amount of player
balanceBefore	Decimal*	Balance of player before transaction
balanceAfter	Decimal*	Balance of player after transaction
handsStatus	Integer	Status of hand: 1: Non-last hand 2: Last hand 3: Adjusted
rowVersion	Long	Updated time of data (Unix time stamp in milliseconds)
betTime	Integer	Date of current record (Unix time stamp in milliseconds)
betEndTime	Integer	End time of current bet (Unix time stamp in milliseconds)
isFeatureBuy	Boolean	To indicate the spin type: True: Feature spin False: Normal spin

* System might return results up to 6 decimal places depending on game and balance

Example:

```
{
    "data":[
              {
                  "betId": 1443458363362385920,
                  "parentBetId": 1443458363362385920,
                  "playerName": "fongying",
                  "currency": "CNY",
                  "gameId": 94,
                  "platform": 1,
                  "betType": 1,
                  "transactionType": 1,
                  "betAmount": 5.0,
                  "winAmount": 0.0,
                  "jackpotRtpContributionAmount": 0.0,
                  "jackpotContributionAmount": 0.0,
                  "jackpotWinAmount": 0.0,
                  "balanceBefore": 10001704.78,
                  "balanceAfter": 10001699.78,
                  "handsStatus": 2,
                  "rowVersion": 1632982509049,
                  "betTime": 1632982266626,
                  "betEndTime": 1632982266654,
                  "isFeatureBuy": false
              },
              {
                  "betId": 1443458366315175936,
                  "parentBetId": 1443458366315175936,
                  "playerName": "fongying",
                  "currency": "CNY",
                  "gameId": 94,
                  "platform": 1,
                  "betType": 1,
                  "transactionType": 1,
                  "betAmount": 5.0,
                  "winAmount": 0.0,
                  "jackpotRtpContributionAmount": 0.0,
                  "jackpotContributionAmount": 0.0,
                  "jackpotWinAmount": 0.0,
                  "balanceBefore": 10001699.78,
                  "balanceAfter": 10001694.78,
                  "handsStatus": 2,
                  "rowVersion": 1632982515184,
                  "betTime": 1632982267325,
                  "betEndTime": 1632982267354,
                  "isFeatureBuy": false
              }
      ],
    "error": null
}
```

2.5.4 Get Player's Daily Summary

To get player's daily bet history.

Notes

- Operator can retrieve the bet history for the last 60 days.
- This API is for reporting purposes only. We do not recommend using this API for any other business operations. Please contact PG if you require it to integrate with business operations.
- PG may re-push data by renewing data row version. Operator is required to identify and update duplicated data by *betId.*
- Data row version cannot be a unique value. Operator is required to grab at least 1500 records for every request.

Request

API URL : {DataGrabAPIDomain}/Bet/v4/GetPlayerDailySummary
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
count	Integer	Yes	Number of records for each batch **Note: Value range 1500-5000**
bet_type	Integer	Yes	Category of bet record: 1: Real game
row_version	Long	Yes	Updated time of data (Unix time stamp in milliseconds)
time_zone	Integer	No	Time zone: -5: UTC-5 -4: UTC-4 0: UTC (Default) 1: UTC+1 4: UTC+4 7: UTC+7 8: UTC+8

Example:

URL:
```
https://api.pg-bo.me/external-
datagrabber/Bet/v4/GetPlayerDailySummary?trace_id=b3f37e57-2873-40b1-aa95-
f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&count=5000&bet_type=1&row_ver
sion=1346592723000&time_zone=8
```

Response

Body Parameters:

JSON Array

Parameter name	Data type	Description
playerName	String	Unique identity of player
playerType	Integer	Category of player: 1: Real player 2: Test player
gameId	Integer	Unique identity of game
betType	Integer	Category of bet record: 1: Real game
transactionType	Integer	Category of transaction: 1: Cash 2: Bonus 3: Free game
platform	Integer	Platform of bet record (Please refer to Platform for more information)
currency	String	Currency used by player in the record
hands	Integer	Counts of main bets
games	Integer	Counts of child bets
betAmount	Decimal*	Turnover of player
winLossAmount	Decimal*	Win loss amount of player
jackpotContributionAmount	Decimal*	Jackpot contribution amount of player
jackpotWinAmount	Decimal*	Jackpot win amount of player
rowVersion	Long	Updated time of data (Unix time stamp in milliseconds)
summaryDate	Integer	Date of current record (Unix time stamp in milliseconds)

* System might return results up to 6 decimal places depending on game and balance

Example:

```
{
    "data":[
        {
            "playerName": " player1",
            "playerType": 1,
            "gameId": 39,
            "betType": 1,
            "transactionType": 1,
            "platform": 1,
            "currency": "EUR",
            "hands": 2,
            "games": 2,
            "betAmount": 60.05,
            "winLossAmount": -60.05,
            "jackpotContributionAmount": 0,
            "jackpotWinAmount": 0,
            "rowVersion": 1545971022000,
            "summaryDate": 1545955200000
        },
        {
            "playerName": "player2",
            "playerType": 1,
            "gameId": 24,
            "betType": 1,
            "transactionType": 1,
            "platform": 1,
            "currency": "EUR",
            "hands": 9,
            "games": 9,
            "betAmount": 0.09,
            "winLossAmount": 1.91,
            "jackpotContributionAmount": 0,
            "jackpotWinAmount": 0,
            "rowVersion": 1546238743000,
            "summaryDate": 1546214400000
        }
      ],
    "error": null
}
```

2.5.5 Get Player's Daily Summary for Specific Time

To get player daily bet history for specific time range.

Notes

- Operator can retrieve the bet history for the last 60 days.
- This API is for reporting purposes only. We do not recommend using this API for any other business operations. Please contact PG if you require it to integrate with business operations.
- PG may re-push data by renewing data row version. Operator is required to identify and update duplicated data by *playerName, gameId* and *summaryDate.*

Request

API URL : {DataGrabAPIDomain}/Bet/v4/GetPlayerDailySummaryForSpecificTimeRange
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
count	Integer	Yes	Number of records for each batch **Note: Value range 1500-5000**
bet_type	Integer	Yes	Category of bet record: 1: Real game
row_version	Long	Yes	Updated time of data (Unix time stamp in milliseconds)
from_time	Long	Yes	Time range of start times and end times of bet records (Unix time stamp in milliseconds) **Note: Value range 1 day -40 days**
to_time	Long	Yes	
time_zone	Integer	No	Time zone: -5: UTC-5 -4: UTC-4 0: UTC (Default) 1: UTC+1 4: UTC+4 8: UTC+8

Example:

URL:

```
https://api.pg-bo.me/external-datagrabber/Bet/v4/GetPlayerDailySummaryForSpecificTimeRange?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&count=5000&bet_type=1&from_time=1346592723000&to_time=1546592723000&time_zone=8
```

Response

Body Parameters:

JSON Array

Parameter name	Data type	Description
playerName	String	Unique identity of player
playerType	Integer	Category of player: 1: Real player 2: Test player
gameId	Integer	Unique identity of game
betType	Integer	Category of bet record: 1: Real game
transactionType	Integer	Category of transaction: 1: Cash 2: Bonus 3: Free game
platform	Integer	Platform of bet record (Please refer to Platform for more information)
currency	String	Currency used by player in the record
hands	Integer	Counts of main bets
games	Integer	Counts of child bets
betAmount	Decimal*	Turnover of player
winLossAmount	Decimal*	Win loss amount of player
jackpotContributionAmount	Decimal*	Jackpot contribution amount of player
jackpotWinAmount	Decimal*	Jackpot win amount of player
rowVersion	Long	Updated time of data (Unix time stamp in milliseconds)
summaryDate	Integer	Date of current record (Unix time stamp in milliseconds)

* System might return results up to 6 decimal places depending on game and balance

Example:

```
{
    "data":[
        {
            "playerName": " player1",
            "playerType": 1,
            "gameId": 39,
            "betType": 1,
            "transactionType": 1,
            "platform": 1,
            "currency": "EUR",
            "hands": 2,
            "games": 2,
            "betAmount": 60.05,
            "winLossAmount": -60.05,
            "jackpotContributionAmount": 0,
            "jackpotWinAmount": 0,
            "rowVersion": 1545971022000,
            "summaryDate": 1545955200000
        },
        {
            "playerName": "player2",
            "playerType": 1,
            "gameId": 24,
            "betType": 1,
            "transactionType": 1,
            "platform": 1,
            "currency": "EUR",
            "hands": 9,
            "games": 9,
            "betAmount": 0.09,
            "winLossAmount": 1.91,
            "jackpotContributionAmount": 0,
            "jackpotWinAmount": 0,
            "rowVersion": 1546238743000,
            "summaryDate": 1546214400000
        }
       ],
    "error": null
}
```

2.5.6 Get Hands Summary

To get the game summary records of each hand.

Notes

- Operator can retrieve the bet history for the last 60 days.
- This API is for reporting purposes only. We do not recommend using this API for any other business operations. Please contact PG if you require it to integrate with business operations.
- PG may re-push data by renewing data row version. Operator is required to identify and update duplicated data by *betId.*
- Data row version cannot be a unique value. Operator is required to grab at least 1500 records for every request.

Request

API URL : {DataGrabAPIDomain}/Bet/v4/GetHandsSummary
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
count	Integer	Yes	Number of records for each batch **Note: Value range 1500-5000**
bet_type	Integer	Yes	Bet types of bet record: 1: Real game
hands_status	Long	Yes	Status of hands: 0: All 1: Incomplete 2: Completed
row_version	Long	Yes	Updated time of data (Unix time stamp in milliseconds)

Example:

```
URL:
https://api.pg-bo.me/external-datagrabber/Bet/v4/GetHandsSummary?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&count=5000&bet_type=1&hands_s
tatus=2&row_version=1346592723000
```

Response

Body Parameters:

JSON Array

Parameter name	Data type	Description
parentBetId	Integer	Unique identity of parent bet
playerName	String	Unique identity of player
gameId	Integer	Unique identity of game
betType	Integer	Category of bet record: 1: Real game
transactionType	Integer	Category of transaction: 1: Cash 2: Bonus 3: Free game
platform	Integer	Platform of bet record (Please refer to Platform for more information)
currency	String	Currency used by player in the record
betAmount	Decimal*	Turnover of player
winAmount	Decimal*	Pay-out of player
jackpotContributionAmount	Decimal*	Jackpot contribution amount of player
jackpotWinAmount	Decimal*	Jackpot win amount of player
balanceBefore	Decimal*	Balance of player before transaction
balanceAfter	Decimal*	Balance of player after transaction
rowVersion	Long	Updated time of data (Unix time stamp in milliseconds)
handStartTime	Integer	Start time of current hand (Unix time stamp in milliseconds)
handEndTime	Integer	End time of current hand (Unix time stamp in milliseconds)
handsStatus	Integer	Status of hand: 1: Non-last hand 2: Last hand 3: Adjusted
collapseSpinCount	Integer	Number of collapsed normal spins
collapseFreeSpinCount	Integer	Number of collapsed free spins
isFeatureBuy	Boolean	To indicate the spin type: True: Feature spin False: Normal spin

* System might return results up to 6 decimal places depending on game and balance

Example:

```
{
    "data":[
                {
                    "parentBetId": 1443100640863068160,
                    "playerName": "fongying",
                    "gameId": 103,
                    "betType": 1,
                    "transactionType": 1,
                    "platform": 1,
                    "currency": "CNY",
                    "betAmount": 6.0,
                    "winAmount": 0.0,
                    "jackpotContributionAmount": 0.0,
                    "jackpotWinAmount": 0.0,
                    "balanceBefore": 10001632.88,
                    "balanceAfter": 10001626.88,
                    "rowVersion": 1632897431960,
                    "handStartTime": 1632896978967,
                    "handEndTime": 1632896978967,
                    "handStatus": 2,
                    "collapseSpinCount": 0,
                    "collapseFreeSpinCount": 0,
                    "isFeatureBuy": false
                },
                {
                    "parentBetId": 1443100653622140928,
                    "playerName": "fongying",
                    "gameId": 103,
                    "betType": 1,
                    "transactionType": 1,
                    "platform": 1,
                    "currency": "CNY",
                    "betAmount": 6.0,
                    "winAmount": 0.0,
                    "jackpotContributionAmount": 0.0,
                    "jackpotWinAmount": 0.0,
                    "balanceBefore": 10001626.88,
                    "balanceAfter": 10001620.88,
                    "rowVersion": 1632897431960,
                    "handStartTime": 1632896982003,
                    "handEndTime": 1632896982003,
                    "handStatus": 2,
                    "collapseSpinCount": 0,
                    "collapseFreeSpinCount": 0,
                    "isFeatureBuy": false
                }
        ],
    "error": null
}
```

2.5.7 Get Hourly Hands Summary

To get operator’s hourly hands summary records.

Notes

- Operator can retrieve the bet history for the 60 days.
- This API is for reporting purposes only. We do not recommend using this API for any other business operations. Please contact PG if you require it to integrate with business operations.

Request

API URL : {DataGrabAPIDomain}/Bet/v4/GetHandsSummaryHourly
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
from_time	Long	Yes	Time range of start times and end times of bet records (Unix time stamp in milliseconds) **Note: Value range 1 day - 40 days**
to_time	Long	Yes	
currency	String	No	Currency used by player in the record
transaction_types	Integer Array	No	Category of transaction: 1: Cash 2: Bonus 3: Free game

Example:

URL:

```
https://api.pg-bo.me/external-datagrabber/Bet/v4/GetHandsSummaryHourly?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&from_time=1567296000000&to_time=1569801600000&currency=cny&transaction_types=1&transaction_types=2
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
dateTime	Integer	Date and time of a record per hour
totalHands	Integer	Total count of game hands
currency	String	Currency used by player in the record
totalBetAmount	Decimal*	Total amount of turnover
totalWinAmount	Decimal*	Total amount of pay-out
totalPlayerWinLossAmount	Decimal*	Total amount of player’s win and loss
totalCompanyWinLossAmount	Decimal*	Total amount of company’s win and loss
transactionType	Integer	Category of transaction: 1: Cash 2: Bonus 3: Free game
totalCollapseSpinCount	Integer	Total count of collapsed normal spins
totalCollapseFreeSpinCount	Integer	Total count of collapsed free spins

* System might return results up to 6 decimal places depending on game and balance

Example:

```
{
    "data": [
        {
            "dateTime": 1633093200123,
            "totalHands": 6,
            "currency": "CNY",
            "totalBetAmount": 23.8,
            "totalWinAmount": 114.0,
            "totalPlayerWinLossAmount": 90.2,
            "totalCompanyWinLossAmount": -90.2,
            "transactionType": 1,
            "totalCollapseSpinCount": 8,
            "totalCollapseFreeSpinCount": 0
        },
        {
            "dateTime": 1633093200123,
            "totalHands": 13,
            "currency": "EUR",
            "totalBetAmount": 15.0,
            "totalWinAmount": 3.4,
            "totalPlayerWinLossAmount": -11.6,
            "totalCompanyWinLossAmount": 11.6,
            "transactionType": 1,
            "totalCollapseSpinCount": 2,
            "totalCollapseFreeSpinCount": 0
        },
        {
            "dateTime": 1633093200213,
            "totalHands": 2,
            "currency": "THB",
            "totalBetAmount": 80.0,
            "totalWinAmount": 0.0,
            "totalPlayerWinLossAmount": -80.0,
            "totalCompanyWinLossAmount": 80.0,
            "transactionType": 1,
            "totalCollapseSpinCount": 0,
            "totalCollapseFreeSpinCount": 0
        }
       ],
    "error": null
}
```

2.5.8 Get Summary of Total Player Bets

To get the summary of total player bets for specific time range.

Notes

- Operator can retrieve the bet history for the last 60 days.
- This API is for reporting purposes only. We do not recommend using this API for any other business operations. Please contact PG if you require it to integrate with business operations.

Request

API URL : {DataGrabAPIDomain}/Bet/v4/GetPlayerBetsSummationTotal
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
bet_type	Integer	Yes	Bet types of bet record: 1: Real game
from_time	Long	Yes	Time range of start times and end times of bet records (Unix time stamp in milliseconds) **Note:** **Value range 1 day - 40 days.** **The time will be rounded off hourly.** **Example:** **If operator generates a report using [from_time=1616250600000 (20/3/2021 2:30:00 PM)] to [to_time=1616254200000 (20/3/2021 3:30:00 PM)].** **Then, the report's actual data is from [from_time=1616252400000 (20/3/2021 3:00:00 PM)] to**
to_time	Long	Yes	

			[to_time=1616256000000 (20/3/2021 4:00:00 PM)], and not from [from_time=1616250600000 (20/3/2021 2:30:00 PM) and to_time=1616254200000 (20/3/2021 3:30:00 PM)]
currency	String	No	Currency used by player in the record
game_ids	Integer Array	No	Unique identity of games
player_modes	Integer Array	No	Mode of game: 0: Normal 1: Cash bonus
player_type	Integer	No	Type of player: 0: All 1: Real player 2: Test player
transaction_type	Integer	No	Type of transaction: 0: All 1: Cash 2: Bonus 3: Free Game
time_zone	Integer	No	Time zone: -5: UTC-5 -4: UTC-4 0: UTC (Default) 1: UTC+1 4: UTC+4 8: UTC+8

Example:

URL:

```
https://api.pg-bo.me/external-datagrabber/Bet/v4/GetPlayerBetsSummationTotal?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&bet_type=1&from_time=1346592723000&to_time=1346592723000
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
totalCollapseSpinCount	Integer	Total count of collapsed normal spins
totalCollapseFreeSpinCount	Integer	Total count of collapsed free spins
currency	String	Currency used by player in the record
totalRowCount	Integer	Total number of records
totalGames	Integer	Total count of game rounds
totalHands	Integer	Total count of game hands
totalBetAmountConverted	Decimal*	Total bet amount of the player converted (currency as EUR)
totalWinLossAmountConverted	Decimal*	Total win loss amount of the player converted (currency as EUR)
totalCompanyWinLossAmountConverted	Decimal*	Total win loss amount of the company converted (currency as EUR)
totalJackpotRtpContributionAmountConverted	Decimal*	Total jackpot RTP contribution amount of the records converted (currency as EUR)
totalJackpotContributionAmountConverted	Decimal*	Total jackpot contribution amount of the records converted (currency as EUR)
totalJackpotWinAmountConverted	Decimal*	Total jackpot win amount of the records converted (currency as EUR)
totalBetAmount	Decimal*	Total bet amount of records
totalWinLossAmount	Decimal*	Total win loss amount of records
totalCompanyWinLossAmount	Decimal*	Total company win loss amount of records
totalJackpotRtpContributionAmount	Decimal*	Total jackpot RTP contribution amount of records
totalJackpotContributionAmount	Decimal*	Total jackpot contribution amount of records
totalJackpotWinAmount	Decimal*	Total jackpot win amount of records

* System might return results up to 6 decimal places depending on game and balance

Example:

```
{
    "data":[
               {
                   "totalCollapseSpinCount": 8,
                   "totalCollapseFreeSpinCount": 0,
                   "currency": "CNY",
                   "totalRowCount": 1,
                   "totalGames": 14,
                   "totalHands": 6,
                   "totalBetAmountConverted": 3.05092,
                   "totalWinLossAmountConverted": 11.56274,
                   "totalCompanyWinLossAmountConverted": -11.56274,
                   "totalJackpotRtpContributionAmountConverted": 0.0,
                   "totalJackpotContributionAmountConverted": 0.0,
                   "totalJackpotWinAmountConverted": 0.0,
                   "totalBetAmount": 23.8,
                   "totalWinLossAmount": 90.2,
                   "totalCompanyWinLossAmount": -90.2,
                   "totalJackpotRtpContributionAmount": 0.0,
                   "totalJackpotContributionAmount": 0.0,
                   "totalJackpotWinAmount": 0.0
               },
               {
                   "totalCollapseSpinCount": 2,
                   "totalCollapseFreeSpinCount": 0,
                   "currency": "EUR",
                   "totalRowCount": 1,
                   "totalGames": 16,
                   "totalHands": 13,
                   "totalBetAmountConverted": 15.0,
                   "totalWinLossAmountConverted": -11.6,
                   "totalCompanyWinLossAmountConverted": 11.6,
                   "totalJackpotRtpContributionAmountConverted": 0.0,
                   "totalJackpotContributionAmountConverted": 0.0,
                   "totalJackpotWinAmountConverted": 0.0,
                   "totalBetAmount": 15.0,
                   "totalWinLossAmount": -11.6,
                   "totalCompanyWinLossAmount": 11.6,
                   "totalJackpotRtpContributionAmount": 0.0,
                   "totalJackpotContributionAmount": 0.0,
                   "totalJackpotWinAmount": 0.0
               }
       ],
    "error": null
}
```

2.5.9 Get Player’s Unfinished Games

To get a player unfinished hand.

Notes

- Operator can retrieve the bet history for the last 60 days.
- This API is for reporting purposes only. We do not recommend using this API for any other business operations. Please contact PG if you require it to integrate with business operations.

Request

API URL : {DataGrabAPIDomain}/Bet/v4/GetPlayerUnfinishedGamesBet
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_name	String	Yes	Unique identity for player
from_time	Long	Yes	Time range of tournaments’ start times and end times (Unix time stamp in milliseconds) **Note: Value range 1 day - 7 days**
to_time	Long	Yes	
game_ids	Integer Array	No	Unique identity of games
time_zone	Integer	No	Time zone: -5: UTC-5 -4: UTC-4 0: UTC (Default) 1: UTC+1 4: UTC+4 8: UTC+8

Example:

URL:

```
https://api.pg-bo.me/external-datagrabber/Bet/v4/GetPlayerUnfinishedGamesBet?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abcd&secret_key=abc123&game_ids=1&player_name=player123&date_from=1588723200000&date_to=1588982400000
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
parentBetId	String	Unique identity of parent bet
gameId	Integer	Unique identity of game
transactionType	Integer	Category of transaction: 1: Cash 2: Bonus 3: Free game
platform	Integer	Platform of bet record
currency	String	Currency of record
betAmount	Decimal	Turnover of player
winAmount	Decimal	Pay-out of player
jackpotRtpContributionAmount	Decimal*	Jackpot RTP contribution amount of player
jackpotContributionAmount	Decimal	Jackpot contribution amount of player
balanceBefore	Decimal	Balance of player before transaction
balanceAfter	Decimal	Balance of player after transaction
handStartTime	Long	Start time of the hand (Unix time stamp in milliseconds)
handEndTime	Long	End time of the hand (Unix time stamp in milliseconds)

Example:

```
{
    "data":[
              {
                  "parentBetId": 1444964157178265600,
                  "gameId": 108,
                  "transactionType": 1,
                  "platform": 1,
                  "currency": "CNY",
                  "betAmount": 375.0,
                  "winAmount": 0.0,
                  "jackpotRtpContributionAmount": 0.0,
                  "jackpotContributionAmount": 0.0,
                  "balanceBefore": 10001446.89,
                  "balanceAfter": 10001071.89,
                  "handStartTime": 1633341275871,
                  "handEndTime": 1633341278912
              }
      ],
    "error": null
}
```

2.5.10 Get Bet Details

To retrieve the bet details of multiple bets

Notes

- Operator can retrieve the bet history for the last 60 days.

Request

API URL : {DataGrabAPIDomain}/Bet/v4/GetBetDetails
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
bet_ids	Integer	Yes	Unique identity of bets

Example:

URL:

```
https://api.pg-bo.me/external-datagrabber/Bet/v4/GetBetDetails?trace_id=b3f37e57-
2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abcd&secret_key=abc123&bet_ids=1315486539764989952&bet_ids=13154865
39764989960
```

Response

Body Parameters:

JSON Array

Parameter name	Data type	Description
betId	Integer	Unique identity of child bet (Unique key value)
parentBetId	Integer	Unique identity of parent bet
playerName	String	Unique identity of player
currency	String	Currency used by player in the record
gameId	Integer	Unique identity of game
platform	Integer	Platform of bet record (Please refer to Platform for more information)
betType	Integer	Category of bet record: 1: Real game
transactionType	Integer	Category of transaction: 1: Cash 2: Bonus 3: Free game
betAmount	Decimal*	Turnover of player
winAmount	Decimal*	Pay-out of player
jackpotRtpContributionAmount	Decimal*	Jackpot RTP contribution amount of player
jackpotContributionAmount	Decimal*	Jackpot contribution amount of player
jackpotWinAmount	Decimal*	Jackpot win amount of player
balanceBefore	Decimal*	Balance of player before transaction
balanceAfter	Decimal*	Balance of player after transaction
handsStatus	Integer	Status of hand: 1: Non-last hand 2: Last hand 3: Adjusted
rowVersion	Long	Updated time of data (Unix time stamp in milliseconds)
betTime	Integer	Start time of current bet (Unix time stamp in milliseconds)
betEndTime	Integer	End time of current bet (Unix time stamp in milliseconds)
isFeatureBuy	Boolean	To indicate the spin type: True: Feature spin False: Normal spin

* System might return results up to 6 decimal places depending on game and balance

Example:

```
{
    "data":[
              {
                  "betId": 1443924025750851584,
                  "parentBetId": 1443924025750851584,
                  "playerName": "jj02",
                  "currency": "CNY",
                  "gameId": 89,
                  "platform": 1,
                  "betType": 1,
                  "transactionType": 1,
                  "betAmount": 6.0,
                  "winAmount": 0.0,
                  "jackpotRtpContributionAmount": 0.0,
                  "jackpotContributionAmount": 0.0,
                  "jackpotWinAmount": 0.0,
                  "balanceBefore": 17762.94,
                  "balanceAfter": 17756.94,
                  "handsStatus": 2,
                  "rowVersion": 1633093533869,
                  "betTime": 1633093289187,
                  "betEndTime": 1633093289215,
                  "isFeatureBuy": false
              }
       ],
    "error": null
}
```

2.5.11 Get Failed Bets

To retrieve failed bets.

Notes

- **Operator can retrieve the bet history for the last 60 days.**

Request

API URL : {DataGrabAPIDomain}/Bet/v4/GetFailedBets
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
from_time	Long	Yes	Time range of the start time and end times of enquiries (Unix time stamp in milliseconds) **Note: Value range 1 day - 40 days**
to_time	Long	Yes	
count	Integer	Yes	Number of records for each batch **Note: Value range 1500-5000**

Example:

```
URL:
https://api.pg-bo.me/external-datagrabber/Bet/v4/GetFailedBets?trace_id=b3f37e57-
2873-40b1-aa95-f126c25ed311

Body:
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&count=5000&from_time=13465927
23000&to_time=1546592723000
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
betId	Integer	Unique identity of child bet (Unique key value)
playerName	String	Unique identity of player
message	String	Failed reason
betStartTime	Integer	Start time of current bet (Unix time stamp in milliseconds)

Example:

```
{
    "data":[
        {
            "betId": 10832988,
            "playerName": "testplayer1",
            "message": "Bet not found.",
            "betStartTime": 1600165980624
        }, {
            "betId": 10832989,
            "playerName": " testplayer2",
            "message": "Bet not found.",
            "betStartTime": 1600165980624
        }
       ],
    "error": null
}
```

2.5.12 Pending Bets

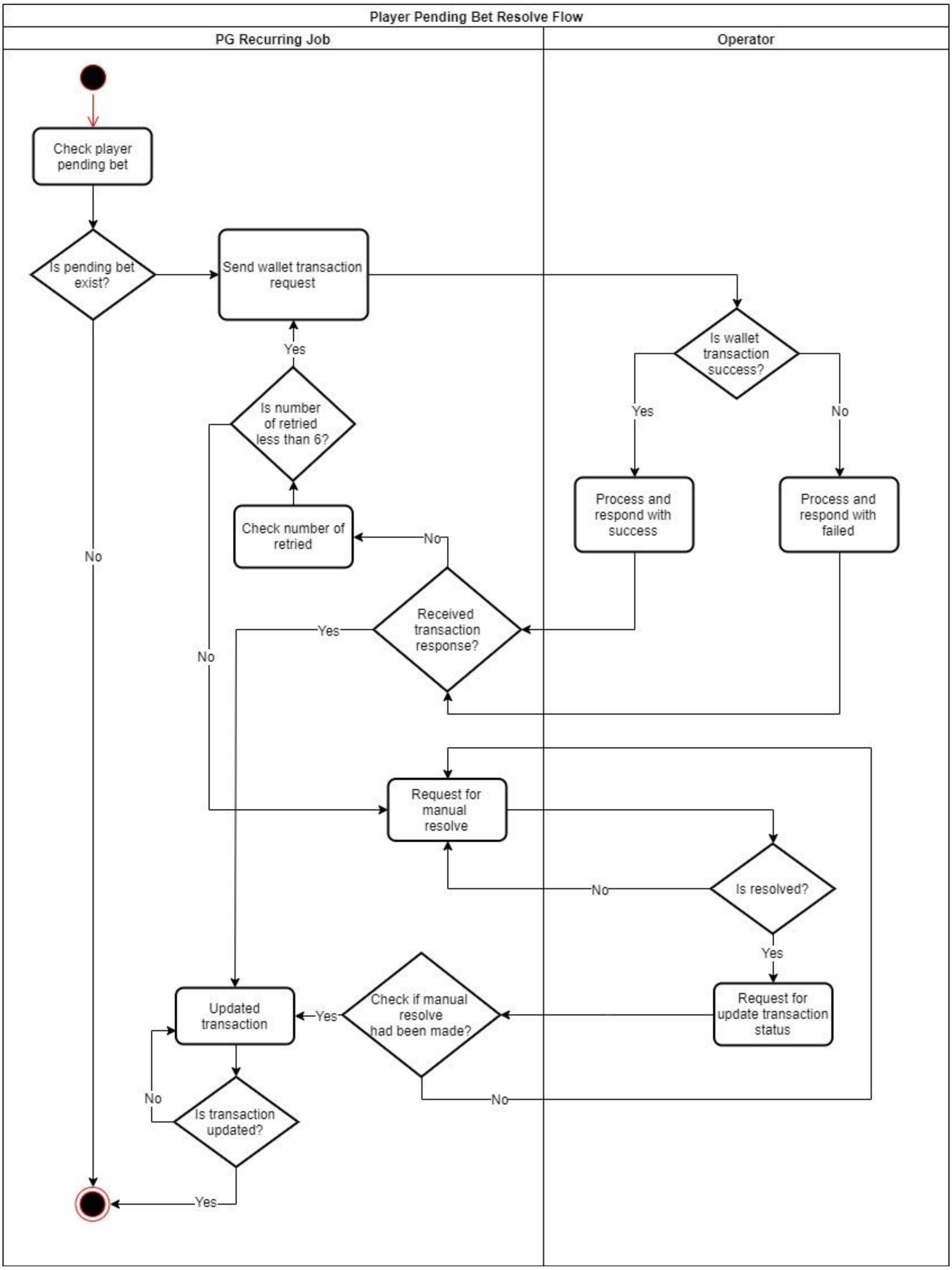
Sometimes pending bets may occur due to unforeseen circumstances during gameplay for example, network latency, system failure, system timeout and so on.

Generally, pending bet will be resolved automatically when the player relaunches the game. However, the bet will remain in pending status for some rare scenarios:

- Player did not relaunch the game after encountering an error
- PG Soft system did not receive any response from the operator when resolving pending bets
- PG Soft system receive an error response from the operator when resolving pending bets

Default interval of pending bet resolving time is set to 60 minutes. Pending bets which exceed the interval will be resolved by PG Soft system automatically. This interval is customizable, and every operator can have their own bet resolve interval time.

Manual resolve is required when failure to resolve pending bets after several attempts. In such case, operator is required to resolve the pending bet manually, and PG Soft will mark these bets’ statuses as complete after getting the confirmation from the operator.


Player Pending Bet Resolve Flow
PG Recurring Job
Operator
Check player pending bet
Is pending bet exist?
Send wallet transaction request
No
Yes
Is number of retried less than 6?
Check number of retried
No
Is wallet transaction success?
Yes
No
Process and respond with success
Process and respond with failed
No
Received transaction response?
Yes
Request for manual resolve
Is resolved?
No
Yes
Request for update transaction status
Check if manual resolve had been made?
Yes
No
Updated transaction
Is transaction updated?
No
Yes

2.5.13 Get Pending Bets

To retrieve pending bets.

Notes

- **Operator can retrieve the bet history for the last 60 days.**

Request

API URL : {DataGrabAPIDomain}/Bet/v4/GetPendingBets
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_names	string	Yes	Unique identity of player
from_time	Long	Yes	Time range of the start time and end times of enquiries (Unix time stamp in milliseconds) **Note: Value range 1 day - 40 days**
to_time	Long	Yes	
count	Integer	Yes	Number of records for each batch **Note: Value range 1500-5000**

Example:

URL:

```
https://api.pg-bo.me/external-datagrabber/Bet/v4/GetPendingBets?trace_id=b3f37e57-
2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_names=testplayer1&play
er_names=testplayer2&count=5000&from_time=1346592723000&to_time=1546592723000
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
playerName	String	Unique identity of player
gameId	String	Unique identity of game
betStatus	Integer	Status of bet 1: Pending
betId	Integer	Unique identity of child bet (Unique key value)
betAmount	Decimal	Bet amount of game
betTime	Integer	Start time of current bet (Unix time stamp in milliseconds)

Example:

```
{
    "data":[
              {
                  "playerName": "player1",
                  "gameId": 38,
                  "betStatus": 1,
                  "betId": 1444876729369241234,
                  "betAmount": 500.0,
                  "betTime": 1633320431123
              }
      ],
    "error": null
}
```

2.5.14 Manual Resolve of Pending Bet

To resolve pending bet.

Request

API URL : {DataGrabAPIDomain}/Bet/v4/ManualResolveBet
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_name	string	Yes	Unique identity of player
bet_id	Integer	Yes	Unique identity of child bet (Unique key value)
is_success_bet	Boolean	Yes	Status of bet: True: Successful bet False: Failed bet
game_id	Integer	Yes	Unique identity of game
balance_before_adjustment	Decimal	No	Player balance before adjustment (For successful bet only)

Example:

URL:
```
https://api.pg-bo.me/external-datagrabber/Bet/v4/ManualResolveBet?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_name=testplayer1&bet_id=1325714346441543680&is_success_bet=true&game_id=1
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
resolveStatus	Boolean	Bet resolve result: True: Successful False: Failed
betStatus	Integer	Status of bet 1: Pending 2: Failed 3: Successful 4: Adjusted

Example:

```
{
    "data": {
        "resolveStatus": true,
        "betStatus": 3
    },
    "error": null
}
```

2.5.15 Manual Reset of Pending Game State

To reset pending game state.

Request

API URL : {DataGrabAPIDomain}/Bet/v4/ManualResetGameState
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_name	string	Yes	Unique identity of player
game_id	Integer	Yes	Unique identity of game
operator_player_session	string	No	Operator session for player

Example:

URL:
```
https://api.pg-bo.me/external-datagrabber/Bet/v4/ManualResetGameState?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_name=testplayer1&game_id=1
```

Response

Body Parameters:
JSON Object

Parameter name	Data type	Description
resetStatus	Boolean	Bet resolve result: True: Successful False: Failed

Example:

```
{
    "data": {
        "resetStatus": true
    },
    "error": null
}
```

2.6 Game [Latest version: v2]

2.6.1 Get Games List

To get list of games.

Request

API URL : {PgSoftAPIDomain}/Game/v2/Get
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
currency	String	Yes	Currency of game’s legal bet amount
language	String	No	Language of data content: en-us: English zh-cn: Chinese
status	Integer	No	Status of games: 0: Inactive games 1: Active games **NULL: Inactive and active games will both be selected**

Example:
URL:

```
https://api.pg-bo.me/external/Game/v2/Get?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&currency=CNY&language=en-us&status=1
```

Response

Body Parameters:

JSON Array

Parameter name	Data type	Description
gameId	Integer	Unique identity of game
gameName	String	Given name of game
gameCode	String	Unique code of game
gameLegalBetAmounts	JSON Array	Legal bet amount of games
status	Integer	Global status of game: 0: Inactive 1: Active 2: Suspended **Note: Game will only be accessible if game status and game release status are active**
releaseStatus	Integer	Status of game for operator: 0: Inactive 1: Active 2: Suspended **Note: Game will only be accessible if game status and game release status are active**
IsSupportFreeGame	Boolean	To indicate if free game is supported: True: Supported False: Not supported
category	Integer	Type of game: 1: Slot game 2: Card game

gameLegalBetAmounts JSON Array

Parameter name	Data type	Description
gameId	Integer	Unique identity of game
gameTypeId	Integer	Type of game (Card game only): 0: None 1: Baccarat-Supersix 2: Baccarat-Commission
legalBetAmounts	JSON Array	Available legal bet amount of games

legalBetAmounts JSON Array

Parameter name	Data type	Description
coinSize	Decimal	Bet size of game
betMultiplier	Integer	Bet level of game
baseBet	Integer	Base bet of game
betAmount	Decimal	Bet amount of game

Example:

```
{
    "data”: [
        {
            "gameId": 1,
            "gameName": "Honey Trap of Diao Chan",
            "gameCode": "diaochan",
            "status": 1,
            "releaseStatus": 1,
            "isSupportFreeGame": true,
            "category": 1,
            "gameLegalBetAmounts": [
                {
                    "gameId": 1,
                    "gameTypeId": 0,
                    "legalBetAmounts": [
                        {
                            "coinSize": 0.03,
                            "betMultiplier": 1,
                            "baseBet": 30,
                            "betAmount": 0.9
                        },
                        {
                            "coinSize": 0.03,
                            "betMultiplier": 2,
                            "baseBet": 30,
                            "betAmount": 1.8
                        }
                    ]
                }]
        }
```

2.6.2 Get Game Legal Bet Amounts

To get the legal bet amounts of the games.

Request

API URL : {PgSoftAPIDomain}/Game/v2/GetGameLegalBetAmounts
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
currency	String	Yes	Currency of game's legal bet amount
game_ids	Integer Array	Yes	Unique identity of games

Example:

URL:

```
https://api.pg-bo.me/external/Game/v2/GetGameLegalBetAmounts?trace_id=b3f37e57-
2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&currency=CNY&game_ids=1&game_
ids=2
```

Response

Body Parameters:

JSON Array

Parameter name	Data type	Description
gameId	Integer	Unique identity of game
gameTypeId	Integer	Type of game (Card game only): 0: None 1: Baccarat-Supersix 2: Baccarat-Commission
legalBetAmounts	JSON Array	Available legal bet amount of games

legalBetAmounts JSON Array

Parameter name	Data type	Description
coinSize	Decimal	Bet size of game
betMultiplier	Integer	Bet level of game
baseBet	Integer	Base bet of game
betAmount	Decimal	Bet amount of game

Example:

```
{
    "data":[
                {
                    "gameId": 1,
                    "gameTypeId": 0,
                    "legalBetAmounts": [
                        {
                            "coinSize": 0.03,
                            "betMultiplier": 1,
                            "baseBet": 30,
                            "betAmount": 0.9
                        },
                        {
                            "coinSize": 0.03,
                            "betMultiplier": 2,
                            "baseBet": 30,
                            "betAmount": 1.8
                        }
                    ]
                }
             ],
    "error": null
}
```

2.6.3 Change Operator's Game Release Status

To change the game release status on operator's side.

Request

API URL : {PgSoftAPIDomain}/Game/v2/UpdateGameStatus
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity for operator
secret_key	String	Yes	Shared passphrase between PG Soft and operator
release_status	Integer	Yes	Release status of game: 0: Inactive 1: Active
game_ids	Integer Array	Yes	Unique identity of games

Example:

URL:
```
https://api.pg-bo.me/external/Game/v2/UpdateGameStatus?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&release_status=1&game_ids=1&game_ids=2
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
actionResult	Boolean	Result of action request: true: Successful false: Failed

Example:

```
{
    "data":{
                " actionResult": true
            },
    "error": null
}
```

2.6.4 Get Game Certificate

To get game certificates.

Request

API URL : {PgSoftAPIDomain}/Game/v2/GetGamesCert
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
game_ids	Integer Array	No	Unique ID of each game **NULL: All games will be selected**
game_codes	String Array	No	Unique code of each game **NULL: All games will be selected**

Example:

URL:

```
https://api.pg-bo.me/external/Game/v2/GetGamesCert?trace_id=b3f37e57-2873-40b1-
aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&game_ids=1&game_code=diaochan
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
game_id	Integer	Unique ID of each game
game_name	String	Unique name of each game
game_code	String	Unique code of each game
cert	JSON Array	List of the certificates

JSON Array

Parameter name	Data type	Description
hash	String	Hash value of the game file
file	String	Name of the game file

Example:

```
{
    "data": [
        {
            "game_id": 1,
            "game_name": "Honey Trap of Diao Chan",
            "game_code": "diaochan",
            "cert": [
                {
                    "hash": "e2cac0a05c7407c32fd50c4e6fb6779161dfeecc",
                    "file": "PG.Common.GameCore.RNG.dll"
                },
                {
                    "hash": "c4280d2afa00fd17e6b037bd7f4a1fa53b620775",
                    "file": "PG.Common.GameCore.Slot.Engine.dll"
                },
                {
                    "hash": "144c068a7011bb22e57e967e3561200ae2b8f41e",
                    "file": "PG.Game.DiaoChan.Engine.dll"
                },
                {
                    "hash": "bb95b970f2b57c62c96c111e8ddb6ac3961b0881",
                    "file": "PG.SlotGames.Source.DiaoChan.dll"
                }
            ]
        }
    ],
    "error": null
}
```

2.7 Cash [Latest version: v2]

2.7.1 Get Wallet Transaction

To get the wallet transaction.

Request
API URL : {DataGrabAPIDomain}/cash/v2/GetWalletTransactions
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
rowVersion	Long	Yes	Updated time of data (Unix time stamp in milliseconds)
player_name	String	No	Unique identity of player
row_count	Integer	No	Number of records for each batch **Note:** • **Default value: 1** • **Value range: 1-5000**
currency	String	No	Currency of player

Example:

URL:
```
https://api.pg-bo.me/external-datagrabber/cash/v1/GetWalletTransactions?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&rowVersion=1346592723000&player_name=testplayer1&row_count=10&currency=CNY
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
lastRowVersion	Long	Updated time of data (Unix time stamp in milliseconds)
result	JSON Array	List of the result

JSON Array

Parameter name	Data type	Description
transactionId	String	Unique identity of transaction
playerName	String	Unique identity of player
currencyCode	String	Currency of player
transactionType	Integer	Transaction type: 101: Payout 201: Bet
transactionAmount	Decimal	Transaction amount
transactionFrom	Decimal	Balance before transaction
transactionTo	Decimal	Balance after transaction
transactionDateTime	Long	Transaction date and time

Example:

```
{
    "data": {
        "lastRowVersion": 1598617560000,
        "result": [
            {
                "transactionId": 13777918,
                "playerName": "Player1",
                "currencyCode": "CNY",
                "transactionType": 100,
                "transactionAmount": 2.00,
                "transactionFrom": 20001873.53,
                "transactionTo": 20001875.53,
                "transactionDateTime": 1598617560000
            }
        ]
    },
    "error": null
}
```

2.7.2 Get Manual Adjustment Details

To get the manual adjustment details.

Request

API URL : {DataGrabAPIDomain}/Cash/v2/GetManualAdjustmentDetails
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
currency	String	No	Currency of player
row_version	Long	No	Updated time of data (Unix time stamp in milliseconds)
row_count	Integer	No	Number of records for each batch **Note:** • **Default value: 1** • **Value range: 1-5000**
transaction_type	String	No	Transaction type: 900: External Adjustment 901: Tournament Adjustment
transaction_reference_id	String	No	Reference ID for adjustment
status	Integer	No	Status of manual adjustment 1: Successful 0: Pending

Example:

URL:

```
https://api.pg-bo.me/external-datagrabber
/Cash/v2/GetManualAdjustmentDetails?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&row_count=10&currency=CNY&row
_version=1346592723000&row_count=1&transaction_type=901&transaction_reference_id=a
djustment-001&status=1
```

Response

Body Parameters:
JSON Object

Parameter name	Data type	Description
lastRowVersion	Long	Updated time of data (Unix time stamp in milliseconds)
result	JSON Array	List of the result

JSON Array

Parameter name	Data type	Description
playerName	String	Unique identity of player
operatorToken	String	Unique identity of operator
currencyCode	String	Currency of player
transactionReferenceId	String	Reference ID for adjustment
transactionType	Integer	Transaction type: 900: External Adjustment 901: Tournament Adjustment
transactionAmount	Decimal	Adjustment amount
transactionDateTime	Long	Adjustment date and time
status	Integer	Status of manual adjustment 1: Successful 0: Pending
transactionRemark	String	Remark for Adjustment

Example:

```
{
    "data": {
        "lastRowVersion": 1624444862653,
        "result": [
            {
                "playerName": "abc",
                "operatorToken": "aabbcc",
                "currencyCode": "CNY",
                "transactionReferenceId": "CASH-1234-1234567",
                "transactionType": 901,
                "transactionAmount": 1000.0,
                "transactionDateTime": 1624444862653,
                "status": 1,
                "transactionRemark": ""
            }
        ]
    },
    "error": null
}
```

2.8 Jackpot [Latest version: v1]

2.8.1 Get Jackpots List

To get list of jackpots.

Request

API URL : {PgSoftAPIDomain}/Jackpot/v1/Get
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
currency	String	Yes	Currency of jackpot
game_id	Integer	No	Unique identity of game

Example:

```
URL:
https://api.pg-bo.me/external/Jackpot/v1/Get?trace_id=b3f37e57-2873-40b1-aa95-
f126c25ed311

Body:
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&currency=cny
```

Response

Body Parameters:

JSON Array

Parameter name	Data type	Description
jackpotName	String	Given name of jackpot
jackpotRoomId	String	Given room ID of jackpot
amount	Decimal*	Total amount of jackpot
jackpotType	Integer	Type of jackpot: 1: Grand 2: Mega 3: Major
poolId	Integer	Unique pool ID of jackpot pool
gameIds	Integer Array	Unique identity of games
lastUpdatedOn	Long	Updated date of jackpot (Unix time stamp in milliseconds)

* System might return results up to 6 decimal places depending on game and balance

Example:

```
{
    "data":[
        {
            "jackpotName": "Operator1 Dragon Jackpot Grand",
            "jackpotRoomId": "JackpotRoom5",
            "amount": 50833.53,
            "jackpotType": 1,
            "poolId": 2,
            "gameIds": [
                9,
                23,
                46,
                47
            ],
            "lastUpdatedOn": 1551697413000
        },
        {
            "jackpotName": "Operator1 Dragon Jackpot Major",
            "jackpotRoomId": "JackpotRoom6",
            "amount": 9387.1,
            "jackpotType": 2,
            "poolId": 2,
            "gameIds": [
                9,
                23,
                46,
                47
            ],
            "lastUpdatedOn": 1551697413000
        }
    ],
    "error": null
}
```

2.9 Player [Latest version: v3]

2.9.1 Get Online Player Count

To get the total number of online players.

Request

API URL : {PgSoftAPIDomain}/Player/v3/GetOnlinePlayerCount
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity for operator
secret_key	String	Yes	Shared passphrase between PG Soft and operator
game_id	Integer	No	Unique identity for game **Note: System will return list of online players for all games if parameter value is not provided**

Example:

```
URL:
https://api.pg-bo.me/external/Player/v3/GetOnlinePlayerCount?trace_id=b3f37e57-
2873-40b1-aa95-f126c25ed311

Body:
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&game_id=1
```

Response

Body Parameters:

JSON Object

Parameter name	Data type	Description
totalCount	Integer	Total number of records
totalPlayerCount	Integer	Total number of online players
onlinePlayerSummary	JSON Array	List of online players for games

JSON Array

Parameter name	Data type	Description
rowVersion	Long	Updated time of data (Unix time stamp in milliseconds)
gameId	Integer	Unique identity for game
playerCount	Integer	Total number of online players
status	Integer	Status of player 1: Online

Example:

```
{
    "data":{
        "onlinePlayerSummary": [
            {
                "rowVersion": 1581073260000,
                "gameId": 0,
                "playerCount": 1,
                "status": 1
            },
            {
                "rowVersion": 1581073260000,
                "gameId": 52,
                "playerCount": 1,
                "status": 1
            },
            {
                "rowVersion": 1581073260000,
                "gameId": 68,
                "playerCount": 1,
                "status": 1
            }
        ],
        "totalCount": 3,
        "totalPlayerCount": 3
    },
    "error": null
}
```

2.9.2 Get Players' Online Status

To get the online statuses of the last 10 players.

Request

API URL : {PgSoftAPIDomain}/Player/v3/GetPlayersOnlineStatus
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity for operator
secret_key	String	Yes	Shared passphrase between PG Soft and operator
player_names	String Array	Yes	Unique identity of player

Example:

URL:
```
https://api.pg-bo.me/external/Player/v3/GetPlayersOnlineStatus?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_names=player1&player_names=player2
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
playerName	String	Unique identity for player
gameId	String	Unique identity for game
status	Integer	Online status of player 0: Offline 1: Online

Example:

```
{
    "data":[
        {
            "playerName": "player1",
            "status": 1,
            "gameId": 12
        },
        {
            "playerName": "player2",
            "status": 0
        }
    ],
    "error": null
}
```

2.9.3 Get Online Player List

To get a list of online players.

Request
API URL : {PgSoftAPIDomain}/Player/v3/GetOnlinePlayers
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data type	Mandatory	Description
operator_token	String	Yes	Unique identity for operator
secret_key	String	Yes	Shared passphrase between PG Soft and operator
row_count	Integer	No	Number of records for each batch **Note:** • **Default value: 1000** • **Value range: 1-1000**
rowVersion	Long	No	Updated time of data (Unix time stamp in milliseconds) **Default value: 1**

Example:

URL:

```
https://api.pg-bo.me/external/Player/v3/GetOnlinePlayers?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&row_count=10
```

Response

Body Parameters:
JSON Array

Parameter name	Data type	Description
playerName	String	Unique identity for player
gameId	Integer	Unique identity for game
rowVersion	Long	Updated time of data (Unix time stamp in milliseconds) **Default value: 1**

Example:

```
{
    "data": [
        {
            "playerName": "tesplayer01",
            "gameId": 60,
            "rowVersion": 1607503788000
        },
        {
            " playerName": "tesplayer02",
            "gameId": 65,
            "rowVersion": 1607503809000
        }
    ],
    "error": null
}
```

2.9.4 Create Player

To create a new player's account in PG game system.

Note

Implementation of this API is optional as player account will be created automatically for a first-time player to access PG games.

Request

API URL : {PgSoftAPIDomain}/v3/Player/Create
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** ● **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data Type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_name	String	Yes	Unique identity of players ● player name is not case sensitive ● Only alphabet, number, and “@”, “-”, ”_” symbols are allowed **Note: Max 50 characters**
nickname	String	No	Nickname of player **Note: Max 50characters**
currency	String	Yes	Currency of player

Example:

URL:

```
https://api.pg-bo.me/external/v3/Player/Create?trace_id=b3f37e57-2873-40b1-aa95-
f126c25ed311
```

Body:

```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_name=player123&currenc
y=EUR&nickname=player123
```

Response

Body Parameters:
JSON Object

Parameter name	Data type	Description
action_result	Integer	Status of the request 1: successful 0: failed

Example:

```
{
        "data": {
                "action_result": 1
            },
        "error": null
}
```

Error Response

Code	Message
1034	Invalid request
1035	Operation Failed
1200	Internal server error
1204	Invalid operator
1305	Invalid player (player already existed)
1315	Player has another operation is in progress

2.9.5 Kick Out Player

To kick out a player from a PG game. The player will still be able to re-login to the game.

Request

API URL : {PgSoftAPIDomain}/v3/Player/Kick
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data Type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_name	String	Yes	Unique identity of players

Example:

URL:
```
https://api.pg-bo.me/external/v3/Player/Kick?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_name=player123
```

Response

Body Parameters:

JSON Object

Parameter name	Data Type	Description
action_result	Integer	Status of the request 1: successful 0: failed

Example:

```
       {
             "data": {
                   "action_result": 1
                 },
             "error": null
       }
```

Error Response

Code	Message
1034	Invalid request
1035	Operation Failed
1200	Internal server error
1204	Invalid operator
1305	Invalid player
1315	Player has another operation is in progress

2.9.6 Suspend Player

To suspend a player’s account. The suspended players will not be able to access PG games anymore.

Request

API URL : {PgSoftAPIDomain}/v3/Player/Suspend
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data Type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_name	String	Yes	Unique identity of players
reason	String	Yes	Reason to suspend the player

Example:

URL:
```
https://api.pg-bo.me/external/v3/Player/Suspend?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_name=player123&reason=suspendedplayer
```

Response

Body Parameters:
JSON Object

Parameter name	Data Type	Description
action_result	Integer	Status of the request 1: successful 0: failed

Example:

```
        {
                "data": {
                        "action_result": 1
                    },
                "error": null
        }
```

Error Response

Code	Message
1034	Invalid request
1035	Operation Failed
1200	Internal server error
1204	Invalid operator
1305	Invalid player
1315	Player has another operation is in progress

2.9.7 Resume Player

To resume a suspended player's account.

Request

API URL : {PgSoftAPIDomain}/v3/Player/Reinstate
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data Type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_name	String	Yes	Unique identity of players
reason	String	Yes	Reason of resume suspended player

Example:

URL:
```
https://api.pg-bo.me/external/v3/Player/Reinstate?trace_id=b3f37e57-2873-40b1-
aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_name=player123&reason=
resumesuspendedplayer
```

Response

Body Parameters:
JSON Object

Parameter name	Data Type	Description
action_result	Integer	Status of the request 1: successful 0: failed

Example:

```
{
        "data": {
                "action_result": 1
            },
        "error": null
}
```

Error Response

Code	Message
1034	Invalid request
1035	Operation Failed
1200	Internal server error
1204	Invalid operator
1305	Invalid player
1315	Player has another operation is in progress

2.9.8 Check Player Status

To check a specific player's account status.

Note

This API is not to check an online player’s status, it is just to check the player’s account status in PG system. To check for an online active player, please check using the back office.

Request

API URL : {PgSoftAPIDomain}/v3/Player/Check
HTTP method : POST

URL Parameters:

Parameter name	Data Type	Mandatory	Description
trace_id	String	Yes	Unique identity (GUID) of the request **Note:** • **Please set the parameter value as GUID format**

Body Parameters:

Parameter name	Data Type	Mandatory	Description
operator_token	String	Yes	Unique identity of operator
secret_key	String	Yes	Shared passphrase between PGSoft and operator
player_name	String	Yes	Unique identity of players

Example:

URL:
```
https://api.pg-bo.me/external/v3/Player/Check?trace_id=b3f37e57-2873-40b1-aa95-f126c25ed311
```

Body:
```
operator_token=abc123&secret_key=a1b25cde5f3gh46ijkl&player_name=player123
```

Response

Body Parameters:

JSON Object

Parameter name	Data Type	Description
player_name	String	Unique identity of players
status	Integer	Status of the request 0: Disabled 1: Active 2: Inactive/Deactivated 3: Suspended 4: Player has another operation is in progress

Example:

```
{
        "data": {
              "player_name": "player123",
              "status": 1
           },
        "error": null
}
```

3. Appendix

3.1.1 Platform

Code	Category	Platform
1	Web	Windows
2		macOS
3		Android
4		iOS
5		others
6	Cordova	Android
7		iOS
8	Electron	Windows
9		macOS
10	Native	Windows
11		macOS
12		Android
13		iOS
98	others	System
99		Smartbot