

BBPS Bill Payment API Document

API stands for Application Programming Integration which is widely used to integrate and enable interaction with other software, much in the same way as a user interface facilitates interaction between humans and computers. Our API codes can be easily integrated to any web or software application.

API Services List

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For Production (Live) Environment

You need production (live) URL for real time bill payment transaction so mail us @ info@apiscript.in for production credential like secret key, IP address white listing etc.

Production URL: <https://utility.apiscript.in/>

Postman Collection for Recharge API

For quick development use this postman collection request data and response data.

Download URL: https://apiscript.in/BBPS_Bill_Payment_Production.postman_collection.json

Parameter is used for API Request

Parameter Name	Description
username	Required - User Name for API Access
pwd	Required - Password for API Access
operatorcode	Required - Operator Code for Services
number	Required – Bill Payment to Number
customer_mobile	Required – Customer Mobile Number (10 Digit)
customer_name	Required – Customer Name (Alpha Spacce)
amount	Required - Amount for transaction to bill payment
account	Optional – Additional Value for Specific Bill Operator
auth	Optional – Additional Value for Specific Bill Operator
bill_verify_id	Required – Bill Verification ID Need to Pass During Bill Payment
client_id	Required - Your Unique Transaction ID (Only Number Accept)
Token	Required - Every API request. It is use for security purpose. Check how token parameter is passed.

Sample Code Available For PHP, ASP .NET, Java

<https://github.com/apiscript-in/SampleCode>

Common API Request Format Bill Verification and Bill Payment

Bill Payment API Request

There are two Step in Bill Payment

1. **Verify Bill**

URL : https://utility.apiscript.in/verify_bill

2. **Payment Bill**

URL : https://utility.apiscript.in/bill_payment

Response for Verification false:

```
{"message": " Either no bill pending/ due date has passed/ invalid  
biller", "is_verify": "false", "bill_number": "", "bill_date": "", "bill_due_date": "",  
"outstanding_bill_amount": "", "partial_bill": "", "customer_name": "", "verify_ref_id": 2,  
"error_code": "0"}
```

Response for Verification true:

```
{"message": " Success", "is_verify": "true", "bill_number": "", "bill_date": "", "bill_due_date": "",  
"outstanding_bill_amount": "", "partial_bill": "", "customer_name": "", "verify_ref_id": 2,  
"error_code": "0"}
```

Response for Error:

```
{"message": "Paramenter is missing.", "error_code": "1"}
```

Sample Request and Response

Verify Bill URL : https://utility.apiscript.in/verify_bill

Post Data:

username=your_username&pwd=your_password&operatorcode=LA&number=022603258744&amount=100&token=EncryptTokenValue

Payment URL : https://utility.apiscript.in/bill_payment

Post Data:

username=your_username&pwd=your_password&operatorcode=LA&number=022603258744&amount=100&bill_verify_id=2&client_id=100&token=EncryptTokenValue

number: 11 digits along with STD Code

Response for Success:

```
{"message":"Your recharge request is accepted.,"recharge_id":2,"recharge_status":"Pending",  
"amount":"100","number":"022603258744","client_id":"100","recharge_datetime":  
"2018-06-28 10:55:26 PM","error_code":"0"}
```

Response for Error:

```
{"message":"Paramenter is missing.,"error_code":"1"}
```

Operator List

URL : <https://utility.apiscript.in/operator>

Post Data: username=your_username&pwd=your_password&token=EncryptTokenValue

Response for Success:

```
{
  "company": [
    {
      "name": "AIRTEL PREPAID",
      "service": "MOBILE",
      "code": "5067",
      "rules": "Please enter a valid 10 digit Mobile Number (eg. 8085015438)",
      "label_name": "Mobile Number",
      "pname": "utility_acc_no",
      "ptype": "Numeric",
      "regexp": "^[0-9]{10}$",
      "status": "Active"
    }
  ],
  "message": "Company list is found.",
  "error_code": 0
}
```

Response for Error:

```
{"message":"Paramenter is missing.,"error_code":"1"}
```

Transaction Status

URL : <https://utility.apiscript.in/status>

Post Data:

username=your_username&pwd=your_password&recharge_id=2&token=EncryptTokenValue
or

username=your_username&pwd=your_password&client_id=100&token=EncryptTokenValue

API Response for Success:

```
{"message":"Record found","amount":"10.00","number":"9898598985","recharge_id":"2","client_id":"100","recharge_status":"Pending","operator_code":"NA","recharge_datetime":"2018-06-28 10:55:26 PM","error_code":"0"}
```

recharge_status possible values are

- 1) **Pending** = Wait response from operator (Call Transaction Status API After 5 Minutes or Register Call back URL)
- 2) **Success** = Successful Transaction
- 3) **Failure** = Failure Transaction

API Response for Error:

```
{"message":"Paramenter is missing.,"error_code":"1"}
```

Call back URL

Call back URL: <http://www.yourdomainname.com/callback.php>

Post Data:

```
data=%7B%22message%22%3A%22Record+found%22%2C%22amount%22%3A%2210.00%22%2C%22number%22%3A%229898598985%22%2C%22recharge_id%22%3A%222%22%2C%22client_id%22%3A%22100%22%2C%22recharge_status%22%3A%22Pending%22%2C%22operator_code%22%3A%22NA%22%2C%22recharge_datetime%22%3A%222018-06-28+10%3A55%3A26+PM%22%2C%22error_code%22%3A%220%22%7D
```

data Parameter is in URL Encode Format.

For Update Call Back URL Response, Mail us info@apiscript.in

Account Balance

URL : `https://utility.apiscript.in/account/balance`

Post Data: `username=your_username&pwd=your_password&token=EncryptTokenValue`

Response for Success:

```
{"message":"Success","balance":"1001.25","error_code":"0"}
```

Response for Error:

```
{"message":"Paramenter is missing.,"error_code":"1"}
```


JWT Encode

URL : https://utility.apiscript.in/jwt_encode

Post Data:

secret_key=4836-5cbc25d9d9412-716470&email_id=info@apiscript.in

Response for Success:

```
{"encode_token":"eyJ0eXAiOiJK.V1QiLCJhbGciOiJIUzI1NiJ9.IntcllRpbWVTdGFt","error_code":"0"}
```

Response for Error:

```
{"message":"Paramenter is missing.,"error_code":"1"}
```

API Token Generate

In Every API Request Send **Encrypt Token** Using Algorithm HS256
Refer <http://jwt.io/#debugger> or Use [JWT Encode](#) URL

Token Format: array("TimeStamp"=>"1536488914","EmailID"=>"info@apiscript.in")

You need three Parameter for generate token:

- 4) Time Stamp => Current Time Stamp
- 5) Email ID => Your Register Email ID.
- 6) Secret Key => Share by us via Email.

Sample Code in PHP:

```
require_once 'php-jwt-master/vendor/autoload.php';
use \Firebase\JWT\JWT;

public function get_encode_token($token,$secret_key) {
    return JWT::encode($token, $secret_key);
}

public function get_decode_token($token,$secret_key) {
    return JWT::decode($token, $secret_key, array('HS256'));
}

$date = new DateTime();
$time = $date->getTimestamp();
$email_id = 'info@apiscript.in';
$secret_key = 'MySecretKey';
$token = $this->get_encode_token('{"TimeStamp":"' . $time . '", "EmailID":$email_id}',
$secret_key); // Pass this token value in every API Request
```

Sample Output Token Value:

```
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.IntcIlRpbWVTdGFtcFwiOlwiMTUzNjQ5MDkxMVw  
iLFwiRW1haWxJRfwiOlwiaW5mb0BhcGlzY3JpcHQ5W5cln0i.DrTCpQ5mclAU12md_E-  
o25gALZz1Sm17CMz_sOjqcL8
```