RUNPAISA

JSON Message Structures – PG API Document 1.0.0

Acronyms

API – Application Program Interface

UAT – User Acceptance Testing

M – Mandatory

O – Optional

C – Conditionally Mandatory

API

All APIs are exposed as stateless service over HTTPS. API Input data should be sent using content-type "application/json". The below are list of APIs defined in the RUNPAISA PG System.

Authentication: RunpaisaKey

Encryption Logic: HMAC (256 BYTE)

IP white listing will be required in UAT & Production both

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API DESCRIPTION

S No.	API Name	API Description
1.	Get Token	Used to Get Authentication Token
2.	Create Order	Used to create transaction order
3.	Order Status	Used to check order status

1. Get Token

UAT

Base URL: https://dev.api.runpaisa.com/token

PROD

Base URL: https://api.runpaisa.com/token

API Header:

PARAMS	VALUE	TYPE
Content-Type	application/json	M
client_id	api provider will give	M
username	your login password	M
password	your login password	M

SAMPLE SUCCESS RESPONSE :

```
{
   "status": "SUCCESS",
   "message": "TOKEN GENERATED SUCCESSFULLY",
   "code": "RP000",
   "data": {
      "token": "qwertyuiop12345",
      "expiry": "7200"
   }
}
```

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SAMPLE FAIL RESPONSE :

```
{
   "status": "FAIL",
   "message": "IP_ADDRESS NOT WHITELISTED",
   "code": "RP002"
}


{
   "status": "FAIL",
   "message": "AUTHENTICATION FAILED. User not valid",
   "code": "RP004"
}
```

Response Code Information

S No.	Response Code	Description
1	RP000	TOKEN GENERATED SUCCESSFULLY
2	RP001	INVALID REQUEST
3	RP002	IP_ADDRESS NOT WHITELISTED
4	RP003	INVALID CONTENT-TYPE
5	RP004	AUTHENTICATION FAILED
6	RP005	USER NOT ACTIVE

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2. Create Order

UAT

Base URL: https://test.api.pg.runpaisa.com/order

PROD

Base URL: https:// api.pg.runpaisa.com/order

API Header:

PARAMS	VALUE	TYPE
Content-Type	multipart/form-data	M
client_id	api provider will give	M
token	received from token api	M

Request Body:

PARAMS	VALUE	TYPE
callbackurl	https://sampleurl.com	M
order_id	unique order id	M
amount	Example{ value: 100.00}	M
merc_unq_ref	Merchants refrence text {1,abc123,abc}	O

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SAMPLE SUCCESS RESPONSE

```
{
        "status": "SUCCESS",
        "message": "LINK GENERATED SUCCESSFULLY",
        "code": "RP000",
        "order_token": "qwertyuiop12345",
        "order_id": "runpaisa02",
        "order_staus": "ACTIVE",
        "paymentLink": "https://api.pg.runpaisa.com/processpayment/1762297aa8
11c7151b7324ac3c63ac7c32023372016"
}
```

SAMPLE FAIL RESPONSE

```
{
        "status": "FAIL",
        "message": "INVALID CLIENT ID",
        "code": "RP0013
}
```

```
{
        "status": "FAIL",
        "message": "INVALID ORDER ID, Allowed characters a-z,0-9,_- only, max
length 50 chars",

        "code": "RP006
}
```

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Response Code Information

S No.	Response Code	Description
1	RP000	TOKEN GENERATED SUCCESSFULLY
2	RP001	INVALID REQUEST
3	RP002	IP_ADDRESS NOT WHITELISTED
4	RP003	INVALID CONTENT-TYPE
5	RP004	INVALID CLIENT ID
6	RP005	INVALID TOKEN
7	RP006	INVALID CALLBACKURL
8	RP007	INVALID ORDER ID, Allowed characters a-z,0-9,_- only, max length 50 chars
9	RP008	DUPLICATE ORDER ID
10	RP009	INVALID Amount, Must be valid amount with minimum value of 10 INR
11	RP0010	INVALID merc_unq_ref, Allowed characters a-z,0-9,_- only, max length 50 chars
12	RP0011	INACTIVE_USER. Please contact your service provider to activate your account.
13	RP0012	INACTIVE_SERVICE . Please contact your service provider to activate payment gateway service.
14	RP0013	TRANSACTION FAILED

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3. Order Status

UAT

Base URL: https://test.api.pg.runpaisa.com/status

PROD

Base URL: https:// api.pg.runpaisa.com/status

API Header:

PARAMS	VALUE	TYPE
Content-Type	application/json	M
client_id	api provider will give	M
token	received from token api	M

Request Body:

PARAMS	VALUE	TYPE
order_id	unique order id	M

SAMPLE SUCCESS RESPONSE

```
{
  "STATUS": "SUCCESS",
  "MESSAGE": "REQUEST ACCEPTED",
  "CODE": "RP000",
  "ORDERSTATUS": {
    "ORDER_ID": "RUPO29",
    "TXN_MODE": "UPI",
    "TXN_AMOUNT": 5000,
    "CARD_CATEGORY": "",
    "TXN_DATE": "2023-01-17T16:38:39+05:30",
```

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"TXN_INFO": "Utility Bill Payment",
"CUSTOMER_NAME": "Prashant Rana",
"CUSTOMER_EMAIL": "prashant@runpaisa.com",
"CUSTOMER_PHONE": "9319934804",
"BANK_TXNID": **null**,
"BANK_CODE": "NA",
"ERROR_ID": "SUCCESS",
"ERROR_DESC": "Simulated response message",
"CARD_NUMBER": "NA",
"CARD_TYPE": "",
"STATUS": "SUCCESS",
"UNMAPPED_STATUS": "NA",
"PG_PARTNER": "CASHFREE",
"MERC_UNQ_REF": "",
"CALLBACKURL": "[{\"auth_id\":null,\"authorization\":null,\"bank_reference\":null,\"cf_payment_id\":1489902006,\"entity\":\"payment\",\"error_details\":null,\"is_captured\":true,\"order_amount\":5000,\"order_id\":\"RUPO29\",\"payment_amount\":5000,\"payment_completion_time\":\"2023-01-17T16:38:39+05:30\",\"payment_currency\":\"INR\",\"payment_gateway_details\":null,\"payment_group\":\"upi\",\"payment_message\":\"Simulated response message\",\"payment_method\":{\"upi\":{\"channel\":\"collect\",\"upi_id\":\"testsuccess@gocash\"}},\"payment_offers\":[],\"payment_status\":\"SUCCESS\",\"payment_time\":\"2023-01-17T16:37:58+05:30\"}]"
    }
}

SAMPLE FAIL RESPONSE

{
        "status": "FAIL",
        "message": "INVALID CLIENT ID",
        "code": "RP004
}

{
        "status": "FAIL",
        "message": "INVALID ORDER ID, Allowed characters a-z,0-9,_- only, max length 50 chars",

        "code": "RP006

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}

Response Code Information

S No.	Response Code	Description
1	RP000	REQUEST ACCEPTED
2	RP001	INVALID REQUEST
3	RP002	IP_ADDRESS NOT WHITELISTED
4	RP003	INVALID CONTENT-TYPE
5	RP004	INVALID CLIENT ID
6	RP005	INVALID TOKEN
7	RP006	INVALID ORDER ID
8	RP007	INACTIVE USER
9	RP008	INACTIVE SERVICE
10	RP009	TRANSACTION FAILEDl