Payumoney API Documentation (v1.0)

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PayUMoney API Documentation

Introduction

This page list out all the APIs provided by payumoney for different use cases like payment refund, payment inquiry, check transaction status, create invoices or payment links etc.In order to call our APIs, you need to pass authentication in the form of merchant key and authorization header. Values for both merchant key and Authorization header are available on the Payumoney dashboard.

Every merchant has a unique authorization and will be used to authenticate our API, hence should not be shared with anyone. All API requests must be made over HTTPS. Calls made over plain HTTP will fail.

To post successfully to the production server, your merchant application should be approved and you should have the merchant key provided by PayUmoney.

 Postman Collection

Postman is an application that simplifies sending HTTP requests. To test the PayUmoney APIs using Postman, simply click the button below and replace the sample variables indicated by `{{ }}` with your actual values and also replace the key & authorization header provided with the values available from your merchant panel.

▶ Run in Postman (https://www.getpostman.com/collections/d107afef53bf46afd437)

Payment Inquiry APIs

Payumoney APIs to enquire regarding a transaction done through Payumoney.

Get Payment Response

This API can be used by the merchant to get the response details of the transaction(s) done using PayUmoney.

PARAMETERS

Query Parameters (?)

─ merchantKey

string **Required**

Merchant Key available in the Payumoney dashboard

─ merchantTransactionIds

string **Required**

The Unique Ids of the transactions(passed by the merchant) for which a merchant want to get the payment response.(One merchant transaction Id Or Pipe separated merchantTransactionIds, Maximum 50 transaction Ids)

─ from

string

From date in (dd-mm-yyyy)

─ to

string

To date in (dd-mm-yyyy)

─ count

integer <int32>

Number of payments to fetch

Header Parameters (?)

─ Authorization

string **Required**

Authorization Header available in the Payumoney dashboard.

─ Content-Type

string

Default: `"application/json"`

Responses

✓ 200 OK

― 201 Created

― 401 Unauthorized

― 403 Forbidden

― 404 Not Found

POST   /payment/op/getPaymentResponse

REQUEST SAMPLES

cURL

```
curl -X POST 'https://test.payumoney.com/payment/op/getPaymentResponse?merchantKey=407
47T&merchantTransactionIds=396132-58876806' -H 'authorization: KpNTiy57L6OFjS2D3TqPod8
+6nfGmRVwVMi5t9jR4NU=' -H 'cache-control: no-cache'
```

RESPONSE SAMPLES

200 OK

```
{
    "errorCode": "",
    "message": "All txnIds are valid",
    "responseCode": "",
  - "result": [
      + { … }
    ],
    "status": "0"
}
```

Check Merchant Transaction Status

This API can be used by a merchant to reconcile/get update status of the transaction(s) with PayUmoney.

PARAMETERS

Query Parameters (?)

merchantKey

string **Required**

Merchant Key available in the Payumoney dashboard

merchantTransactionIds

string **Required**

Transaction Id of the transaction for which status needs to be checked, provided by the merchant (One merchant transaction Id Or Pipe separated merchantTransactionIds, Maximum 50 transaction ids per call)

Header Parameters (?)

Authorization

string **Required**

Authorization Header available in the Payumoney dashboard.

Content-Type

string
Default: `"application/json"`

Responses

ⅴ 200 OK

— 201 Created

— 401 Unauthorized

— 403 Forbidden

— 404 Not Found

POST   /payment/payment/chkMerchantTxnStatus

REQUEST SAMPLES

cURL

```
curl -X POST 'https://test.payumoney.com/payment/payment/chkMerchantTxnStatus?merchant
Key=40747T&merchantTransactionIds=396132-58876806' -H 'authorization: KpNTiy57L6OFjS2D
3TqPod8+6nfGmRVwVMi5t9jR4NU=' -H 'cache-control: no-cache'
```

RESPONSE SAMPLES
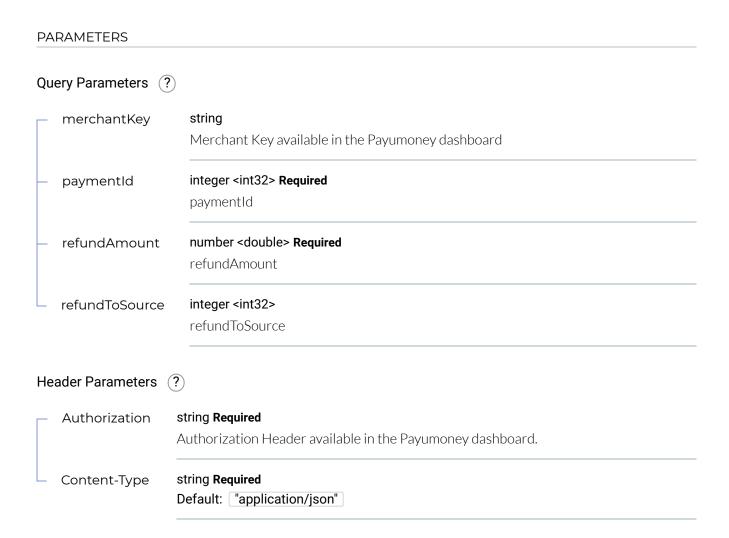
200 OK

```
{
    "errorCode": "",
    "message": "All txnIds are valid",
    "responseCode": "",
  - "result": {
        "amount": "106.1",
        "merchantTransactionId": "396132-58876806",
        "paymentId": "58876806",
        "status": "Money with Payumoney"
    },
    "status": "0"
}
```

Refund APIs

Payumoney APIs to do or inquire about refunds.

Refund Payment API

This API can be used by the merchant to initiate a partial or full refund for any successful transaction.

PARAMETERS

Query Parameters (?)

merchantKey	**string**
	Merchant Key available in the Payumoney dashboard

paymentId	**integer <int32> Required**
	paymentId

refundAmount	**number <double> Required**
	refundAmount

refundToSource	**integer <int32>**
	refundToSource

Header Parameters (?)

Authorization	**string Required**
	Authorization Header available in the Payumoney dashboard.

Content-Type	**string Required**
	Default: `"application/json"`

Responses

⌄ 200 OK

– 201 Created

- 401 Unauthorized

- 403 Forbidden

- 404 Not Found

POST   /treasury/merchant/refundPayment

REQUEST SAMPLES

cURL

```
curl -X POST 'https://test.payumoney.com/treasury/merchant/refundPayment?paymentId=588
72009&refundAmount=20' -H 'authorization: KpNTiy57L6OFjS2D3TqPod8+6nfGmRVwVMi5t9jR4NU
=' -H 'cache-control: no-cache'
```
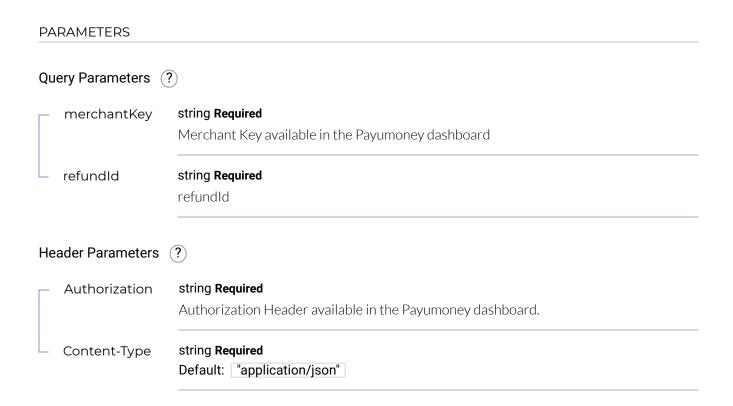
RESPONSE SAMPLES

200 OK

```
{
    "errorCode": "",
    "guid": "",
    "message": "Refund Initiated",
    "result": "190651",
    "rows": "0",
    "sessionId": "",
    "status": "0"
}
```

Get Refund Details by Refund Id

This API returns all the refund details of a particular refund done using the Refund API or the Payumoney panel.

PARAMETERS

Query Parameters (?)

├─ merchantKey — string **Required**

  Merchant Key available in the Payumoney dashboard

└─ refundId — string **Required**

  refundId

Header Parameters (?)

├─ Authorization — string **Required**

  Authorization Header available in the Payumoney dashboard.

└─ Content-Type — string **Required**

  Default: `"application/json"`

Responses

⌄ 200 OK

− 401 Unauthorized

− 403 Forbidden

− 404 Not Found

GET   /treasury/ext/merchant/getRefundDetails

cURL

```
curl -X GET 'https://test.payumoney.com/treasury/ext/merchant/getRefundDetails?merchan
tKey=40747T&refundId=190783' -H 'authorization: KpNTiy57L6OFjS2D3TqPod8+6nfGmRVwVMi5t9
jR4NU=' -H 'cache-control: no-cache'
```

200 OK

```
{
    "errorCode": "",
    "guid": "",
    "message": "Refund Details :",
  - "result": {
        "PaymentId": "58876807",
        "Refund Amount": "1.0",
        "Refund Completed On": "null",
        "Refund Created On": "2017-04-26 15:59:51.0",
        "Refund Status": "refundinprogress",
        "RefundId": "190783",
        "Total Amount": "1.06"
    },
    "rows": "0",
    "sessionId": "",
    "status": "0"
}
```

Get Refund Details by Payment Id

This API returns details of all refunds for a payment done through Payumoney.

PARAMETERS

Query Parameters (?)

merchantKey	**string Required** merchantKey
paymentId	**string Required** paymentId

Header Parameters (?)

Authorization	**string Required** Authorization Header available in the Payumoney dashboard.
Content-Type	**string Required** Default: `"application/json"`

Responses

⌄ 200 OK

— 401 Unauthorized

— 403 Forbidden

— 404 Not Found

GET /treasury/ext/merchant/getRefundDetailsByPayment

cURL

```
curl -X GET 'https://test.payumoney.com/treasury/ext/merchant/getRefundDetailsByPaymen
t?merchantKey=40747T&paymentId=58876807' -H 'authorization: KpNTiy57L6OFjS2D3TqPod8+6n
fGmRVwVMi5t9jR4NU=' -H 'cache-control: no-cache'
```

RESPONSE SAMPLES

200 OK

```
{
    "errorCode": "",
    "guid": "",
    "message": "Refund Details :",
  - "result": {
        "PaymentId": "58876807",
        "Amount Left": "1266.0",
        "Refund Details Map": "[{RefundId=190783, Refund Amount=10.0, Refund Completed On=
        "Total Amount": "1276.0"
    },
    "rows": "0",
    "sessionId": "",
    "status": "0"
}
```

Invoicing APIs

Payumoney APIs to create,search and manage a payment link or an email/SMS Invoice.

Create Single Invoice

This API can be used to create invoice and send it to the customer.

PARAMETERS

Header Parameters ⑦

— Authorization

string **Required**

Authorization Header available in the Payumoney dashboard.

REQUEST BODY

— addedOn

string <date-time>

Creation date and time for a payment link

— **amount** ⌄

Amount

— bulkRequest

boolean

For single invoice creation, value of bulkRequest is 0. (For future use)

— **channel** ⌄

Channel

— currency

string

Three digit alphabetic currency of the amount for which invoice is to be generated (Default : INR)

— **customParams** ⌄

customParams

— expiryDate

string <date-time>

Expiration date and time for the payment links

— furl

string

Failure Url on which merchant will be redirected in case of a unsuccessful payment

— invoiceDescription

string

Mandatory Field. Description of the invoice to be generated. Max. 40 characters supported.

invoiceNumber	**string**
	Unique Id to identify an invoice. 16 characters invoice number supported. Merchant can either pass a value or it is auto generated.
invoiceStatus	**string**
	Current Status of the Invoice Link (ACTIVE/INACTIVE/EXPIRED)
maxPaymentsAllowed	**integer <int32>**
	Maximum number of successful payment allowed for a payment link
merchantId	**string**
	Mandatory Field. Merchant Id of the merchant requesting Invoice Creation
signature	**string**
	Mandatory Field. Signature/Hash for the invoice to be generated (For security purposes)
source	**string**
	Source of Invoice creation request (For internal use)
surl	**string**
	Success Url on which merchant will be redirected in case of a successful payment
userDetails ⌄	UserDetails

Responses

⌄ 200 OK

— 201 Created

— 401 Unauthorized

- 403 Forbidden

- 404 Not Found

POST   /payment/op/v1/invoice

REQUEST SAMPLES

JSON   cURL

```json
{
    "addedOn": "2017-12-02T08:39:29Z",
  - "amount": {
        "discount": "10.00",
        "shippingCharge": "10.00",
        "subAmount": "10.00",
        "tax": "10.00"
    },
    "bulkRequest": 0,
  - "channel": {
        "viaEmail": 1,
        "viaSms": 1
    },
    "currency": "INR",
  - "customParams": {
        "CustomerID": "23451243"
    },
    "expiryDate": "2017-12-02T08:39:29Z",
    "furl": "www.payumoney.com/failure/txnID",
    "invoiceDescription": "Rent for January",
    "invoiceNumber": "INV12345678",
    "invoiceStatus": "0",
    "maxPaymentsAllowed": 0,
    "merchantId": "146",
    "signature": "E7A90CEF655ED35375FE0C3AF0C8BDB7ACEDAA88687A2CEB6A567F09073AA9B0",
    "source": "API_INT_INVOICE",
    "surl": "www.payumoney.com/success/txnID",
  - "userDetails": {
      + "address": { … },
        "alternate_number": "9806754321",
        "email": "john.doe@gmail.com",
        "name": "John Doe",
        "phone_number": "9999988888"
    }
}
```

RESPONSE SAMPLES

200 OK

```
{
    "errorCode": 0,
    "guid": "null",
    "message": "SUCCESS",
  - "result": {
        "specialMsg": "https://www.payumoney.com/invoicing/invoice/5860100/INV58580838217(
        "data": "INV585808382170816",
        "errorCode": 200,
        "errorMsg": "SUCCESS"
    },
    "rows": 0,
    "status": 0
}
```

Search Invoices

PARAMETERS

Header Parameters ?

— Authorization | string **Required**

Authorization Header available in the Payumoney dashboard.

REQUEST BODY

— amount | string

Amount for which invoice is to be searched

— invoiceDescription | string

Description for which the invoice is to be searched

— invoiceNumber | string

Unique Id to identify an invoice

├─ source
  string
  Parameter to identify source sending the request

├─ status
  string
  Parameter to identify status of the invoice to be searched

├─ tinyUrl
  string
  Url for which invoice is to be searched

├─ to
  string <date-time>
  End date to search invoices

└─ from
  string <date-time>
  Start date to search invoices

Responses

∨ **200 OK**

— **201 Created**

— **401 Unauthorized**

— **403 Forbidden**

— **404 Not Found**

POST   /payment/op/v1/invoices/search

REQUEST SAMPLES

JSON   cURL

```
{
    "amount": "10.00",
    "invoiceDescription": "Rent for January",
    "invoiceNumber": "INV12345678",
    "source": "API_INT_INVOICE",
    "status": "ACTIVE",
    "tinyUrl": "www.pmny.com/txnID",
    "to": "2017-12-02T08:39:30Z",
    "from": "2017-12-02T08:39:30Z"
}
```

RESPONSE SAMPLES

200 OK

```
{
    "errorCode": 0,
    "guid": "null",
    "message": "SUCCESS",
  - "result": {
      + "invoiceSearchResponse": { … },
        "errorCode": 200,
        "errorMsg": "SUCCESS"
    },
    "rows": 0,
    "status": 0
}
```

Manage Invoices

This API can be used to edit an invoice status.

PARAMETERS

Path Parameters (?)

— invoiceNumber   string **Required**

Invoice number generated in Create Single Invoice API or passed by merchant

Header Parameters (?)

— Authorization   string **Required**

Authorization Header available in the Payumoney dashboard.

REQUEST BODY

— status   string

Status which merchant needs to update on existing Invoice. It can be ACTIVE/INACTIVE/EXPIRED

Responses

∨ 200 OK

— 201 Created

— 401 Unauthorized

— 403 Forbidden

— 404 Not Found

PUT   /payment/op/v1/invoices/{invoiceNumber}

REQUEST SAMPLES

JSON   cURL

```
{
    "status": "ACTIVE"
}
```

RESPONSE SAMPLES

200 OK

```
{
    "errorCode": 0,
    "guid": "string",
    "message": "string",
  - "result": {
        "status": "ACTIVE",
        "errorCode": 200,
        "errorMsg": "SUCCESS"
    },
    "rows": 0,
    "status": 0
}
```

Generate Signature

This API can be used to generate a signature that needs to get passed as a request parameter in the Create Single Invoice API.

PARAMETERS

Query Parameters   ?

discount   string

Discount amount which will be levied upto two decimal places

tax	string
	Tax which will be charged upto two decimal places

shippingCharge	string
	Shipping Charge which will be charged upto two decimal places

subAmount	string **Required**
	Amount which will be charged upto two decimal places

currency	string
	Currency of the amount for which invoice is to be generated (Default : INR)

salt	string **Required**
	Salt available in Payumoney Dashboard

Header Parameters (?)

Authorization	string **Required**
	Authorization Header available in the Payumoney dashboard.

Responses

∨ 200 OK

— 201 Created

— 401 Unauthorized

— 403 Forbidden

— 404 Not Found

POST   /payment/op/v1/invoices/GenerateSignature

REQUEST SAMPLES

cURL

```
curl -X POST 'https://test.payumoney.com/payment/op/v1/invoices/GenerateSignature?merc
hantId=4927640&discount=2.00&tax=2.00&shippingCharge=2.00&subAmount=100.00&currency=IN
R&salt=AWBtTtmw' -H 'authorization: KpNTiy57L6OFjS2D3TqPod8+6nfGmRVwVMi5t9jR4NU=' -H
'cache-control: no-cache'
```

RESPONSE SAMPLES

200 OK

```
{
    "errorCode": 0,
    "guid": "null",
    "message": "SUCCESS",
  - "result": {
        "signature": "asdfg456789fghjkl6789",
        "errorCode": 200,
        "errorMsg": "SUCCESS"
    },
    "rows": 0,
    "status": 0
}
```

Deprecated APIs

These are meant only for the existing merchants who have already integrated these APIs.We have a new version
for the same usecase already available.

Add Invoice API

This API can be used to send an email invoice or create a payment link

PARAMETERS

Query Parameters (?)

— amount	string **Required**
	Payment amount (Positive amount up to 2 decimal places)
— transactionId	string **Required**
	Transaction or order reference Id (numbers, alphabets, space and hyphen are allowed characters)
— paymentDescription	string **Required**
	A brief description for the customer to identify the payment (numbers, alphabet, space and hyphen are allowed)
— customerName	string **Required**
	Name of the customer (numbers, alphabet, space and hyphen are allowed)
— customerEmail	string **Required**
	Customer Email Id
— customerPhone	string **Required**
	Mobile number of the customer (just 10 digits of the mobile number)
— expiryTime	string
	Date when the link should be expired (yyyy-mm-dd format).Default 7 days
— userId	string
	Default: `"-1"`
	Any user Identification if applicable
— prevPaymentId	string
	Previous PaymentId if applicable
— sendEmail	boolean
	Default: `false`
	Whether email should be sent by PayUmoney or not (false - PayUmoney will not send email to customer,true - PayUmoney will send the email to customer)

Header Parameters (?)

— Authorization	string **Required**
	Authorization Header available in the Payumoney dashboard.

	Content-Type	string **Required**
		Default: `"application/json"`

Responses

∨ 200 OK

— 201 Created

— 401 Unauthorized

— 403 Forbidden

— 404 Not Found

POST   /payment/payment/addInvoiceMerchantAPI

REQUEST SAMPLES

cURL

```
curl -X POST 'https://test.payumoney.com/payment/payment/addInvoiceMerchantAPI?amount=
50&transactionId=ab121&paymentDescription=toyPayment&customerName=mahima&customerEmail
=suryansh.sabharwal%40payu.in&customerPhone=7737371193' -H 'authorization: KpNTiy57L6O
FjS2D3TqPod8+6nfGmRVwVMi5t9jR4NU=' -H 'cache-control: no-cache'
```

RESPONSE SAMPLES

200 OK

```
{
    "errorCode": 0,
    "message": "string",
    "responseCode": "string",
  - "result": {
        "amount": "string",
        "customerEmail": "string",
        "customerName": "string",
        "emailSent": true,
        "paymentId": "string",
        "paymentURL": "string",
        "transactionId": "string"
    },
    "status": 0
}
```

SMS Invoice API

A Merchant can send an SMS invoice to a customer using this API

PARAMETERS

Query Parameters (?)

customerName	string **Required**
	Name of the customer (numbers, alphabet, space and hyphen are allowed)
customerMobileNumber	string **Required**
	Mobile number of the customer (just 10 digits of the mobile number)
description	string **Required**
	A brief description for the customer to identify the payment (numbers, alphabet, space and hyphen are allowed)
amount	string **Required**
	Payment amount (Positive amount up to 2 decimal places)
invoiceReferenceId	string

Transaction or Order Reference Id (numbers, alphabet, space and hyphen are allowed)

| expiryTime | string |
| | Date when the link should be expired (yyyy-mm-dd format) |

userId	string
	Default: `"-1"`
	Any user identifier if applicable

| prevPaymentId | string |
| | Previous Payment Id if applicable |

| confirmSMSPhone | string |
| | Mobile Number for sending additional Confirmation SMS Notification (just 10 digits of the mobile number) |

Header Parameters (?)

| Authorization | string **Required** |
| | Authorization Header available in the Payumoney dashboard. |

| Content-Type | string **Required** |
| | Default: `"application/json"` |

Responses

ˇ 200 OK

— 201 Created

— 401 Unauthorized

— 403 Forbidden

— 404 Not Found

POST   /payment/payment/smsInvoice

REQUEST SAMPLES

cURL

```
curl -X POST 'https://test.payumoney.com/payment/payment/smsInvoice?customerName=surya
nsh&customerMobileNumber=6767676767&description=toy&amount=50' -H 'authorization: KpNT
iy57L6OFjS2D3TqPod8+6nfGmRVwVMi5t9jR4NU=' -H 'cache-control: no-cache'
```

RESPONSE SAMPLES

200 OK

```
{
    "errorCode": 0,
    "message": "string",
    "responseCode": "string",
  - "result": {
        "amount": 0,
        "customerMobileNumber": "string",
        "customerName": "string",
        "merchantTransactionId": "string",
        "paymentId": 0,
        "url": "string"
    },
    "status": 0
}
```