

Payments (1.0)

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The Lianlian Global Payments API is designed for Marketplaces to link their accounts with Lianlian merchant accounts and send them cross currency payments.

Authentication

Balance

Get Client Balance

Returns Total balance of client's account within LianLian in one or more currencies. Not specifying a currency will return the default currencies configured for client.

Typically this is USD & CNY.

QUERY PARAMETERS

currency

string

Repeat parameter to specify one 3 letter currency codes to return balance in.

Responses

✓ 200 OK

RESPONSE SCHEMA: application/json

Array [

currency required	string 3 letter currency code
----------------------	----------------------------------

balance	string Total balance for this currency
---------	-------------------------------------------

]

✓ 400 Codes:

Code	Description	Client Action	LianLian Action
154011	Currency not supported	Client validates Currency used in request. Supported currency: USD, CNY	Waits for a new request
999995	Invalid Parameter	Client updates request body values according to error code returned by Lianlian.	Waits for a new request

RESPONSE SCHEMA: application/json

code required	string Error code as described per API
------------------	-------------------------------------------

message required	string Human readable message of error
---------------------	-------------------------------------------

GET /balance

Response samples

200

400

Content type

application/json

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```
[
  - {
    "currency": "USD",
    "balance": "4182.28"
  },
  - {
    "currency": "CNY",
    "balance": "78.99"
  }
]
```

Merchants

Start New Merchant Registration

Starts asynchronous process of registering a new merchant with LianLian.

On successful return, if `registration_complete` is `false`, platform shall use `registration_url` to redirect the merchant to in order to begin the LianLian Registration

Experience.

When registration is successfully completed the user will be redirected to the passed in

`redirect_url`

REQUEST BODY SCHEMA: `application/json`

<code>store_name</code> <code>required</code>	string Store name as known by the calling platform
<code>redirect_url</code> <code>required</code>	string URL Lianlian will redirect to at the end of a successful registration process.
<code>shop_url</code>	string URL of merchant store if URL can't be algorithmically produced from <code>merchant_id</code>
<code>note</code>	string Note to be used by customer support if needed
<code>merchant_client_id</code> <code>required</code>	string Merchant ID as known by the client platform

Responses

✓ **200 OK**

RESPONSE SCHEMA: `application/json`

<code>id</code>	string LianLian merchant ID. Merchant shall use this ID to contact LianLian for any payment issues. Non-existent if <code>registraton_complete</code> is false.
<code>merchant_client_id</code> <code>required</code>	string Client's ID for this Merchant
<code>status</code> <code>required</code>	string (Registration Status Enumeration) Enum: <code>"need_info"</code> <code>"success"</code> <code>"blocked"</code> <code>"ongoing"</code>

State of merchant registration process. Will be NULL for brand new merchant that hasn't started registration process.

One of:

Value	Description
ongoing	Registration ongoing
need_info	Merchant must communicate with Lianlian
success	Ready for delivery money to merchant
blocked	User has been blacklisted from receiving payments

registration_url

string

URL to redirect merchant to in order to start registration on LianLian platform.

Non-existent if `registration_complete` is true.

shop_url

string

URL of Merchant's shop. For some clients this URL is auto-generated from `client_id`

note

string

Human readable description of Merchant

registration_complete
`required`

boolean

State of merchant registration process. One of:

Value	Description
true	Merchant registration complete, platform can issue payment to this merchant
false	Merchant registration not complete yet, platform cannot issue payment to this merchant

✓ 400 Codes:

Code	Description	Client Action	LianLian Action
999995	Invalid Parameter	Client updates request body values according to error code returned by Lianlian.	Waits for a new request

RESPONSE SCHEMA: application/json

code required	string Error code as described per API
message required	string Human readable message of error

POST /merchants

Request samples

Payload

Content type
application/json

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```
{
  "store_name": "string",
  "redirect_url": "string",
  "shop_url": "string",
  "note": "string",
  "merchant_client_id": "string"
}
```

Response samples

200**400****Content type**

application/json

Example

Example 1

Copy

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```
{
  "shop_url": "https://www.wish.com/merchant/wish001",
  "note": "rft",
  "registration_complete": true,
  "status": "success",
  "id": "8866003800000564",
  "merchant_client_id": "wish001"
}
```

Get Merchant

Get information about the merchant - in particular their status on the LianLian platform.

PATH PARAMETERS

`merchant_client_id` string
required

Responses

✓ 200 OK**RESPONSE SCHEMA:** application/json

id string
LianLian merchant ID. Merchant shall use this ID to contact LianLian for any payment issues.

Non-existent if `registraton_complete` is false.

merchant_client_id string
`required` Client's ID for this Merchant

status string (| Registration Status Enumeration)
`required` Enum: `"need_info"` `"success"` `"blocked"` `"ongoing"`
State of merchant registration process. Will be NULL for brand new merchant that hasn't started registration process.

One of:

Value	Description
ongoing	Registration ongoing
need_info	Merchant must communicate with Lianlian
success	Ready for delivery money to merchant
blocked	User has been blacklisted from receiving payments

registration_url string
URL to redirect merchant to in order to start registration on LianLian platform.

Non-existent if `registration_complete` is true.

shop_url string
URL of Merchant's shop. For some clients this URL is auto-generated from `client_id`

note string
Human readable description of Merchant

registration_complete boolean
`required` State of merchant registration process. One of:

Value	Description
-------	-------------

true	Merchant registration complete, platform can issue payment to this merchant
false	Merchant registration not complete yet, platform cannot issue payment to this merchant

— 404 Not Found

GET /merchants/merchant_client_id/{merchant_client_id}

Response samples

200

Content type

application/json

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```
{
  "shop_url": "https://www.wish.com/merchant/wish001",
  "registration_complete": true,
  "id": "8866003800000564",
  "status": "success",
  "merchant_client_id": "wish001"
}
```

Payments

Send Payment to Merchant

Initiates a payment to specific merchant.

This call is Idempotent if sent with the same payment_client_id and last payment request was successful. In this case the additional HTTP Response Header `Request-Repeated: true` will be returned. If the original request failed, a new payment request will retry the payment.

Steps within API:

- **Money Debited** from client's account can fail from insufficient funds
- **Verify Merchant Registration** information is valid If Merchant is unknown, call fails If Merchant status is `blocked`, call fails
- **Send Money** to merchant If any issues arise, LianLian customer support helps fix issues and finalize transfer

This call returns HTTP Status 200 on success and returns the payment object including Lianlian internal payment status. Success guarantees the money has been debited from the client account not that the actual payment has completed as it takes too long to be done synchronously and will be completed within a few days typically. It does guarantee, however, that the payment will eventually happen.

On failure the API returns HTTP Status 400 with an Error object specifying the error code why the payment failed.

REQUEST BODY SCHEMA: `application/json`

<code>merchant_client_id</code> <code>required</code>	string Client's Merchant ID to make payment to.
<code>payment_client_id</code> <code>required</code>	string Client's Payment ID for this payment request. Must be unique and is usually a UUID
<code>currency</code> <code>required</code>	string Enum: <code>"CNY"</code> <code>"USD"</code> 3 letter code of payment currency
<code>amount</code> <code>required</code>	string Amount to pay merchant
<code>note</code>	string

Responses

✓ 200 OK

RESPONSE SCHEMA: application/json

id required	string LianLianment ID								
payment_client_id required	string Client's Payment ID for this payment request. Must be unique and is usually a UUID								
merchant_id required	string Lianlian's Merchant ID receiving payment								
merchant_client_id required	string Client's Merchant ID receiving payment								
status	string (Payment Status Enumeration) Enum: "need_info" "success" "ongoing" This status indicates the stage payment is at within Lianlian systems. One of: <table><tr><th>Value</th><th>Description</th></tr><tr><td>ongoing</td><td>Payment ongoing normally</td></tr><tr><td>need_info</td><td>Merchant must communicate with Lianlian</td></tr><tr><td>success</td><td>Payment complete</td></tr></table>	Value	Description	ongoing	Payment ongoing normally	need_info	Merchant must communicate with Lianlian	success	Payment complete
Value	Description								
ongoing	Payment ongoing normally								
need_info	Merchant must communicate with Lianlian								
success	Payment complete								
currency required	string Enum: "CNY" "USD" 3 letter code of currency used								
amount	string								

required

Amount of payment in **currency**

note

string

Human readable note passed into POST /payment

✓ **400** Error - payment not processed

Code	Message	Client Action	LianLian Action
154008	Client has insufficient balance to pay merchant	Client to wire more funds to LianLian account	Waits for funds
154011	Currency not supported	Client validates Currency used in request. Supported currencies: USD, CNY	Waits for a new request
154016	Merchant is blocked from receiving payments	Suggest merchant to contact LianLian for details	Is typically having offline discussion with merchant
999995	Invalid Parameter	Client updates request body values according to error code returned by LianLian.	Waits for a new request

RESPONSE SCHEMA: application/json

code

required

string

Error code as described per API

message

required

string

Human readable message of error

POST /payments

Request samples

Payload

Content type

application/json

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```
{
  "merchant_client_id": "string",
  "payment_client_id": "string",
  "currency": "CNY",
  "amount": "string",
  "note": "string"
}
```

Response samples

200

400

Content type

application/json

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```
{
  "status": "ongoing",
  "currency": "USD",
  "amount": "123.30",
  "note": "USD",
  "merchant_id": "8866003600000853",
  "id": "2020012026476843",
  "payment_client_id": "wish001",
  "merchant_client_id": "test1021"
}
```

The API returns HTTP Status 200 with the related payment object if the payment was successful.

The API returns HTTP Status 404 if the `POST /payments` call returned an error as the `payment_client_id` is not in the system and not recognized.

PATH PARAMETERS

`payment_client_id` string
`required`

Responses

✓ 200 OK

RESPONSE SCHEMA: application/json

<code>id</code> <code>required</code>	string LianLianment ID
<code>payment_client_id</code> <code>required</code>	string Client's Payment ID for this payment request. Must be unique and is usually a UUID
<code>merchant_id</code> <code>required</code>	string Lianlian's Merchant ID receiving payment
<code>merchant_client_id</code> <code>required</code>	string Client's Merchant ID receiving payment
<code>status</code>	string (Payment Status Enumeration) Enum: <code>"need_info"</code> <code>"success"</code> <code>"ongoing"</code> This status indicates the stage payment is at within Lianlian systems. One of:

Value	Description
ongoing	Payment ongoing normally

need_info	Merchant must communicate with Lianlian
success	Payment complete

currency
required

string
Enum: "CNY" "USD"
3 letter code of currency used

amount
required

string
Amount of payment in `currency`

note

string
Human readable note passed into POST /payment

— 404 Not Found

GET /payments/payment_client_id/{payment_client_id}

Response samples

200

Content type
application/json

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```
{
  "status": "success",
  "currency": "USD",
  "amount": "123.30",
  "note": "rft",
  "merchant_id": "8866003600000853",
  "id": "2020011923354002",
  "payment_client_id": "wish001",

  "merchant client id": "test1021"
```

