

Lao Telecom API Documentation

Documentation Definition

Subscribe and unsubscribe, Check user info interface documentation

Domain name:

Sandbox: <https://ltcpay.laotel.com/api/>

Production: <https://ltcpay.laotel.com/api/>

Sandbox (for testing only)

Username: (Provide by LTC Team)

Password: (Provide by LTC Team)

Version history:

1.0.0 – Added 5 API: Token, RequestDeduct, ConfirmDeduct, CheckTransaction, Unsubscribe

I. Token Interface

1. Interface Definition

1.1 Description

Request for Authentication token “access_token” (JWT token)

1.2 Interface direction:

Game > Partner

1.3 URL

url : https://ltcpay.laotel.com/token

2. Token API

2.1 Method

POST

2.2 Input Parameters

Body

Parameters	Type	Required	Description
username	String	yes	Sandbox > Fix as “your username” Production >
password	String	yes	Sandbox > Fix as “your password” Production >
grant_type	String	yes	Fix as “password”

2.3 Request example

```
curl --location --request GET 'https://ltcpay.laotel.com/token' \  
--header 'Content-Type: application/x-www-form-urlencoded' \  
--header 'Cookie: .AspNet.  
Cookies=2BGU2f9Sy[REDACTED]66JHI886ggEdykoihi54f6jg678  
gdo-ug6rJGMA' \  
--data-urlencode 'username=your username' \  
--data-urlencode 'password=your password' \  
--data-urlencode 'grant_type=password'
```

2.4 Response

Body

Parameters	Required	Description
access_token	yes	JWT Token, using as Access Token for other API in header
token_type	yes	Fix as "bearer"
expires_in	yes	Token Expiration length
userName	yes	Username used from request
.issued	yes	Time stamp - create
.expires	yes	Expire Time

2.5 Response example

HTTP Status : 200

```
{
  "access_token": "cdMwbr1NBhMv5CP9j0uSfI1NObTKDPZuiVnK0wYRQm6dYxb2TWc-  
djBupMJ1Wix3T5ifuXSrPEB25r6bChm[REDACTED]  
[REDACTED]  
[REDACTED]EC_pm_7r4ixTO6Pn92BIOMxd894YVGBgbglQdykr_FzQ5oKFuvWjuDNvky3DZeBxSdxGSZY3XrAU9  
Lr456zOGCNC98YkQwFQYe5HX3FtXocgbBMeNqxrPkwIGew_c3MNoQMWMYH1S2pQKIYPIG1dWIXC99  
sCJ7K_Qnk9jZYFK_FObcO_x4JlSe3If35n4ZoHKDXoUFIM-  
OzMDmos81pRH8YuZ75Apr_xHlsl6PeCjelbKsqZtbwUI_pM4b2r0mHDt5MWQw",  
  "token_type": "bearer",  
  "expires_in": 2591999,  
  "userName": "[REDACTED]",  
  ".issued": "Fri, 23 Sep 2022 04:28:35 GMT",  
  ".expires": "Sun, 23 Oct 2022 04:28:35 GMT"  
}
```

II. RequestDeduct Interface

1. Interface Definition

1.1 Description

Request OTP and Initiate Payment Charging Process

1.2 Interface direction:

Game > Partner

1.3 URL

url : <https://ltcpay.laotel.com/api/RequestDeduct>

2. RequestDeduct API

2.1 Method

POST

2.2 Input Parameters

name	required	description	Position
Authorization	yes	Bearer { access_token } Parse from response of API: token	Header
TransactionID	yes	Unique Transaction ID for reference, WeTV generate this value as String with no special character	Body
Msisdn	yes	Unique User identifier, Telephone Number	Body
Amount	yes	Price to Charge to user in Laotian Kip	Body
RequestType	yes	Environment identifier. "UAT" > Test Environment "Production" > Production Environment	Body
GameName	yes	Content Provider Name	Body
CardName	yes	Product / Package Name	Body
IsRecurring	yes	Payment Type identifier. false > register / purchase (send OTP to user) true > renewal (not send OTP to user)	Body

2.3 Request Example

```
curl --location --request POST 'https://ltcpay.laotel.com/api/RequestDeduct' \
--header 'Authorization: Bearer
SEhGO9wG_avx13im5Z[REDACTED]EoZUdeAdRNKjkhIT_XCalsivwQRkCwNsmkG_
92BA' \
--header 'Content-Type: application/json' \
--header 'Cookie: .AspNet.Cookies=mbP-1XCIZ_80pTpnynje-
ha1atbza1tXdQl02VpTDLh65ARdHiHjrmyWTmqxqxPOBGdSNUciukbkqyqvimaIOFvdEkOZvYK3kLJaTTTo-
0YK3yoPnjdH8O2eMsyXwHI-
KhCC5LEjwF8n4xO4qVfDXncvWyOSVHqm9EtB3xztMSbGwQuPp2TyXdOyt0SWwl5ql4MGW_UI8lz7IXQuAzq
X_ofM34HoogibMsau6dRGMA' \
--data-raw '{
  "TransactionID": "CompanyName+Timestamp",
  "Msisdn": "2055515155",
  "Amount": 1000,
  "RequestType": "UAT",
  "GameName": "TEST",
  "CardName": "Card1K",
  "IsRecurring": false
}'
```

2.4 Response Parameters

Parameters	Required	Description
ResultCode	yes	Result Code of Transaction Request Status
ResultDesc	yes	Result Description of Transaction Request Status
TransactionID	yes	Unique Transaction ID for reference from Request
RefCode	yes	Reference code for OTP Checking
ResultType	yes	Confirm Transaction result type
Msisdn	yes	Unique User identifier, Telephone Number

2.5 Response Example

HTTP Status : 200

```
{
  "ResultCode": "003",
  "ResultDesc": "Duplicate transaction",
  "TransactionID": "TESTxLTC0000000003",
  "RefCode": "245d642c8c174bc6a16cb23332b14d16",
  "ResultType": "Register",
  "Msisdn": "2055515155"
}
```

2.6 Status

code

No	ResultCode	ResultDesc
1	001	Please try again
2	002	ERR: Message
3	003	Duplicate transaction
4	004	Invalid request type
5	005	Your user can not use this function
6	006	ERR: Message from Database
7	101	Phone number is not prepaid
8	102	Could not connect to ocs service (LTC)
9	103	Balance is not enough

10	104	Could not send sms LTC
11	105	Could not send sms TPlus
12	106	Invalid amount
13	107	This msisdn already register in our game service
14	108	Could not get header for this services
15	200	Operation Succeeded
16	xxx	Others error from http request or response

III. ConfirmDeduct Interface

1. Interface Definition

1.1 Description

Confirm OTP and Complete payment transaction then **provide your api for subscribe the game (your api link here)**

1.2 Interface direction:

Game > Partner

1.3 URL

url : <https://ltcpay.laotel.com/api/ConfirmDeduct>

2. ConfirmDeduct API

2.1 Method

POST

2.2 Input Parameters

name	required	description	Position
Authorization	yes	Bearer { access_token } Parse from response of API: token	Header
TransactionID	yes	Unique Transaction ID for reference	Body
RefCode	yes	Reference code for OTP Checking Parse from response of API: RequestDeduct	Body
OTP	yes	One time password from user input	Body
GameName	yes	Content Provider Name	Body
GameType	yes	Fixed as "Purchase"	Body

2.3 Request Example

```
curl --location --request POST 'https://ltcpay.laotel.com/api/ConfirmDeduct' \
--header 'Authorization: Bearer NJI5tQ3[REDACTED]' \
--header 'Content-Type: application/json' \
--header 'Cookie: .AspNet.Cookies=IX-8v9GFhMkX50VPgztDRILbZ1SunehczIM9umf-
hcj_j0_VBCtIKvRIcm4W0odgMpal-Bzrg' \
--data-raw '{
  "TransactionID": "TESTxLTC0000000003",
  "RefCode": "b1c21c80cee1478fa09970b9d9507320",
  "OTP": "12345",
  "Gamename": "TEST",
  "GameType": "Purchase"
}'
```

2.4 Response Parameters

Parameters	Required	Description
ResultCode	yes	Result Code of Transaction Request Status
ResultDesc	yes	Result Description of Transaction Request Status
Email	yes	Fixed from API Username
TransactionID	yes	Unique Transaction ID for reference
RefCode	yes	Reference code for OTP Checking

2.5 Response Example

HTTP Status : 200

```
{
  "ResultCode": "006",
  "ResultDesc": "Invalid request please check your OTP",
  "Email": "test@laotel.com",
  "TransactionID": "TESTxLTC0000000003",
  "RefCode": "b1c21c80cee1478fa09970b9d9507320"
}
```

2.6 status code

No	ResultCode	ResultDesc
1	001	Please try again
2	002	ERR: Message
3	003	Please input parameter
4	004	Invalid request please check your ref code
5	005	Invalid request please check your transaction ID
6	006	Invalid request please check your OTP
7	007	This OTP is already used
8	008	This OTP is expired
9	009	Could not get header for this services
10	200	Operation Succeeded
11	xxx	Others error from http request or response
12	106	Could not create member in playzone side
13	105	Could not create member in Quizy and Goaly side

Provide how to forward transaction to you via api

IV. CheckTransaction Interface

1. Interface Definition

1.1 Description

Check status of payment transaction of specific TransactionId parameter

1.2 Interface direction:

WeTV > Partner

1.3 URL

url : https://ltpay.laotel.com/api/CheckTransaction?transactionId={xxxxxxx}

2. CheckTransaction API

2.1 Method

GET

2.2 Input Parameters

name	required	description	Position
Authorization	yes	Bearer { access_token } Parse from response of API: token	Header
transactionId	yes	Unique Transaction ID for reference	URL Parameter

2.3 Request Example

```
curl --location --request GET
'https://ltpay.laotel.com/api/CheckTransaction?transactionId=WeTVxLTC0000000003' \
--header 'Authorization: Bearer cdMwbr1NBhMv5CP9j[REDACTED]' \
--header 'Cookie: .AspNet.Cookies=2BGU2f9SyaSoi7UXQafhCJImefq7KOUgPCn8HOBpbTFJqUe9suT-
Bn4zGrrAJNrAzBJdyh_UI8lz7IXQuAzqX_ofM34HoogibMsau6dRGMA' \
--data-raw ''
```

2.4 Response Parameters

Parameters	Required	Description
TransactionID	yes	Unique Transaction ID for reference
Msisdn	yes	Unique User identifier, Telephone Number
SMSSStatus	yes	
Operator	yes	Fixed as "LTC"
Amount	yes	Amount of Charging from RequestDeduct
ResultCode	yes	Result Code of Transaction Status
ResultDesc	yes	Result Description of Transaction Status
Detail	yes	Date and more details of Transaction Status

2.5 Response Example

HTTP Status : 200

```
{
  "TransactionId": "TESTxLTC0000000003",
  "Msisdn": "2055515155",
  "SMSSStatus": "True",
  "Operator": "LTC",
  "Amount": "1000",
  "ResultCode": "800",
  "ResultDesc": "Not complete confirm deduct",
  "Detail": "Date: 27/08/2022 15:22:45, request success and confirm failed"
}
```

2.6 Status code

No	ResultCode	ResultDesc
1	001	Please try again
2	002	ERR: Message
3	003	Duplicate transaction
4	004	Invalid request type
5	005	Your user can not use this function
6	006	ERR: Message from Database
7	101	Phone number is not prepaid
8	102	Could not connect to ocs service (LTC)
9	103	Balance is not enough

10	104	Could not send sms LTC
11	105	Could not send sms TPlus
12	106	Invalid amount
13	107	This msisdn already register in our game service
14	108	Could not get header for this services
15	200	Operation Succeeded
16	xxx	Others error from http request or response

V. Unsubscribe Interface

1. Interface Definition

1.1. Description

Request game to unsubscribe specific package of User

1.2. Interface direction:

Partner > Game

1.3. URL

url : {Please provide your api for unsubscribe}

2. Unsubscribe API

2.1. Method

POST

2.2. Input Parameters

name	required	description	Position
Msisdn	yes	Unique User identifier, Telephone Number	Body
USSDCode	yes	USSD Code	Body
Channel	Yes	"WEB, USSD, Application"	Body

2.3. Request Example

```
{  
  "Msisdn": "sample string 1",  
  "USSDCode": "sample string 2",  
  "Channel": "sample string 3"  
}
```

2.4. Response Parameters

Parameters	Required	Description
ResultCode	yes	Result Code of Transaction Status
ResultDesc	yes	Result Description of Transaction Status

2.5. Response Example

HTTP Status : 200

```
{
  "Msisdn": "sample string 1",
  "USSDCode": "sample string 2",
  "Channel": "sample string 3"
}
```

2.6. Status code

No	ResultCode	ResultDesc
1	001	Please try again
2	002	ERR: Message
3	102	ຂໍອະໄພ, ບໍ່ສາມາດຍົກເລີກບໍລິການເກມຂອງ
4	100	ຂໍອະໄພ, ບໍ່ສາມາດຍົກເລີກບໍລິການເກມຂອງ
5	101	Please input USSD code
6	2000	Operation Success SMS not send
7	100	ຂໍອະໄພ, ບໍ່ພົບເບີຂອງທ່ານໃນບໍລິການເກມຂອງ
8	200	Operation Succeeded
9	xxx	Others error from http request or response