EcoCash

ECOCASH INSTANT PAYMENT (EIP) API (USD & ZWL PAYMENTS)

The API Suite Provides for 3 requests as below:

- ◆ Charge Request (Payment)
- ◆ Refund Request (Reversal)
- ◆ Query Transaction

Authentication:

HTTP Basic Authentication is used for every request. Existing Username and password (for ZWL payments) will remain applicable.

Format and Content Type:

The API supports application/json

Test Data

Test Merchant MSISDN	783361344
Test Merchant Code	019919
Test Merchant PIN	4827
Test Customer Mobile Numbers	Send email to the EcoCash POC to have your numbers added to the EcoCash test environment

1. Charge Request

For ZWL payments, use "currency": RTGS

Test Endpoint	https://payonline.econet.co.zw/ecocashGateway-preprod/payment/v1/transactions/amount
Method	POST
username	ecocash
password	mobiquity

Sample Body:

```
{
    "clientCorrelator":{{$timestamp}},
    "notifyUrl":"http://mysite.com/notifyURL",
    "referenceCode":{{$timestamp}},
    "tranType":"MER",
    "endUserId":"263774222540",
    "remarks":"test remarks",
    "transactionOperationStatus":"Charged",
    "paymentAmount":
```

```json
{"charginginformation":{
    "amount":{{transaction_amount}},
    "currency":"USD-FCA",
    "description":"Paynow Online Payment" },
"chargeMetaData":{
    "channel":"WEB",
    "purchaseCategoryCode":"Online Payment",
    "onBeHalfOf":"Paynow Topup"}
    },
"merchantCode":"75586",
"merchantPin":"1357",
"merchantNumber":"784850685",
"currencyCode":"USD-FCA",
"countryCode":"ZW",
"terminalID":"TERM123456",
"location":"1906 Borrowdale Road",
"superMerchantName":"CABS",
"merchantName":"Pick and Pay"
}
```

Sample Response (* Please note final responses are sent to your notifyUrl):

```json
{
    "clientCorrelator": "ABC12345",
    "endTime": 1676370901389,
    "startTime": 1676370901389,
    "notifyUrl": "http://mysite.com/notifyURL",
    "referenceCode": "1009080706",
    "endUserId": "772222211",
    "serverReferenceCode": "772222211230214123501389",
    "transactionOperationStatus": "PENDING SUBSCRIBER VALIDATION",
    "paymentAmount": {
        "charginginformation": {
            "amount": 2,
            "currency": "USD-FCA",
            "description": "Paynow Online Payment"
        },
        "chargeMetaData": {
            "channel": "WEB",
            "purchaseCategoryCode": "Online Payment",
            "onBeHalfOf": "Paynow Topup",
            "serviceId": null
        }
    },
    "merchantCode": "75586",
    "merchantPin": "4827",
    "merchantNumber": "783361344",
    "merchantName": "Pick and Pay",
    "terminalID": "TERM123456",
    "location": "1906 Borrowdale Road",
    "countryCode": "ZW",
```

```
    "currencyCode": "USD-FCA",
    "superMerchantName": "CABS",
    "tranType": "MER",
    "responseCode": "PAUSED",
    "remarks": "test remarks"
}
```

2. Refund Request

For ZWL payments, use "currency": RTGS

Test Endpoint	https://payonline.econet.co.zw/ecocashGateway-preprod/payment/v1/transactions/refund
Method	POST
username	ecocash
password	mobiquity

Sample Body:

```
{
    "clientCorrelator":"ABC123456",
    "referenceCode":"10090807066",
    "endUserId":"263774222540",
    "originalEcocashReference":"MP230214.1236.A93451",
    "tranType":"REF",
    "remark":"test remarks",
    "paymentAmount":
        {"charginginformation":{
            "amount":2,
            "currency":"USD-FCA",
            "description":"Paynow Online Payment" },
        "chargeMetaData":{
            "channel":"WEB",
            "purchaseCategoryCode":"Online Payment",
            "onBeHalfOf":"Paynow Topup"}
        },
    "merchantCode":"75586",
    "merchantPin":"4827",
    "merchantNumber":"783361344",
    "currencyCode":"USD-FCA",
    "countryCode":"ZW",
    "terminalID":"TERM123456",
    "location":"1906 Borrowdale Road",
    "superMerchantName":"CABS",
    "merchantName":"Pick and Pay"
}
```

Sample Response:

```
{
```

```json
    "id": 801645,
    "version": 1,
    "clientCorrelator": "ABC123456",
    "endTime": 1676371713001,
    "startTime": 1676371708716,
    "notifyUrl": null,
    "referenceCode": "ABC123456",
    "endUserId": "263774222540",
    "serverReferenceCode": "263774222540230214124828716",
    "transactionOperationStatus": "COMPLETED",
    "paymentAmount": {
        "charginginformation": {
            "amount": 2,
            "currency": "USD",
            "description": "Paynow Online Payment"
        },
        "chargeMetaData": {
            "channel": "WEB",
            "purchaseCategoryCode": "Online Payment",
            "onBeHalfOf": "Paynow Topup",
            "serviceId": null
        },
        "totalAmountCharged": 2
    },
    "ecocashReference": "TC230214.1250.A93554",
    "merchantCode": "75586",
    "merchantPin": "4827",
    "merchantNumber": "783361344",
    "notificationFormat": null,
    "serviceId": null,
    "originalServerReferenceCode": null,
    "originalEcocashReference": "MP230214.1236.A93451",
    "transactionDate": 1676371708718,
    "remarks": "test remarks",
    "orginalMerchantReference": "10090807066",
    "type": "MERREF",
    "source": "RMP_INIT"
}
```

3. Query Transaction

Below is applicable for both ZWL and USD payments;

Test Endpoint	*https://payonline.econet.co.zw/ecocashGateway-preprod/payment/v1/**{endUserId}**/transactions/amount/**{clientCorrelator}***
Method	GET
username	ecocash
password	mobiquity

Sample Response:

```
{
    "id": 801644,
    "version": 1,
    "clientCorrelator": "ABC12345",
    "endTime": 1676370910000,
    "startTime": 1676370901000,
    "notifyUrl": "http://mysite.com/notifyURL",
    "referenceCode": "ABC12345",
    "endUserId": "772222211",
    "serverReferenceCode": "7722222112302141235O1389",
    "transactionOperationStatus": "COMPLETED",
    "paymentAmount": {
        "charginginformation": {
            "amount": 2.00,
            "currency": "USD",
            "description": "Paynow Online Payment"
        },
        "chargeMetaData": {
            "channel": "WEB",
            "purchaseCategoryCode": "Online Payment",
            "onBeHalfOf": "Paynow Topup",
            "serviceId": null
        },
        "totalAmountCharged": 2.00
    },
    "ecocashReference": "MP230214.1236.A93451",
    "merchantCode": "75586",
    "merchantPin": "4827",
    "merchantNumber": "783361344",
    "notificationFormat": null,
    "serviceId": null,
    "originalServerReferenceCode": null,
    "originalEcocashReference": null,
    "transactionDate": 1676370901000,
    "remarks": "test remarks",
    "orginalMerchantReference": "1009080706",
    "type": "MP",
    "source": "RMP_INIT"
}
```

Production:

- ♦ To migrate to production, if you have existing ZWL API no new endpoints, credentials or merchant details are required - use the existing.

- ♦ If you are new to the API, to get production access please provide signed Test Script and your production merchant details (Code and MSISDN) to EcoCash team.