# Bills payments and airtime api documentation

### Request Fields

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Mandatory** | **Description** | **Possible values** | **Comments** |
| account | Yes | Source funds accounts | [string] |  |
| Msisdn | yes | Customer phone number | [string] |  |
| Reference | yes | Unique reference for transaction | [string] |  |
| Document\_Date | Yes | Date of transaction | [date] |  |
| Transaction\_Type | Yes | This defines the kind of transaction | [integer] Transaction types |  |
| Amount | Yes | The amount for Airtime | [Double] |  |
| Charge | No | Charges for the services if any | [Double] |  |
| Description | Yes | Description | [String] |  |
| Beneficiary | Yes | Msisdn receiving the airtime or utility account | [String] |  |

**Sample request**

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:tem="http://tempuri.org/">

<soap:Header/>

<soap:Body>

<tem:Trans>

<tem:tran>

<tem:account>301087372002</tem:account>

<tem:msisdn>+25472444993</tem:msisdn>

<tem:Reference>289336541910458</tem:Reference>

<tem:Document\_Date>20190424</tem:Document\_Date>

<tem:Transaction\_Type>14</tem:Transaction\_Type>

<tem:Amount>60</tem:Amount>

<tem:Charge>0</tem:Charge>

<tem:Description>Airtime</tem:Description>

<tem:Beneficiary>+25472444993</tem:Beneficiary>

</tem:tran>

</tem:Trans>

</soap:Body>

</soap:Envelope>

### Response fields

Response has two tags:

* Transaction Status tag

This indicates the outcome of the transaction:

* + The <Code> tag gives the error code with 0 for successful and any other code value for failure
  + The <Desc> tag gives the description to the failure code

<TransResult>

<Code>0</Code>

<Desc>Successful</Desc>

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Mandatory | Description | Possible values | Comments |
| Code | Yes | Status of transaction | [Integer]Error codes |  |
| Desc | yes | Description of failure | [string] |  |

* Transaction Tag

This gives back the transaction request fields as received

**Sample response**

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<soap:Body>

<TransResponse xmlns="http://tempuri.org/">

<TransResult>

<Code>0</Code>

<Desc>Successful</Desc>

<Results>

<account>301087372002</account>

<msisdn>+25472444993</msisdn>

<Reference>289336541910458</Reference>

<Document\_Date>20190424</Document\_Date>

<Transaction\_Time>2019-04-24T18:27:33.8752984+03:00</Transaction\_Time>

<Transaction\_Type>14</Transaction\_Type>

<Amount>60</Amount>

<Description>Airtime</Description>

<Beneficiary>+25472444993</Beneficiary>

</Results>

</TransResult>

</TransResponse>

</soap:Body>

</soap:Envelope>

### Transaction types

|  |  |
| --- | --- |
| **Type** | **Code** |
| Airtime\_TopUp | 14 |
| Bill\_Payment | 16 |

### Error codes

|  |  |
| --- | --- |
| **Code** | **Description** |
| -1 | Unspecified error |
| 0 | Successful |
| 1 | Invalid Account |
| 2 | Invalid Msisdn |
| 3 | Empty Loan No |
| 4 | Loan No does not exist |
| 5 | No Loans |  |
| 6 | No Accounts linked to this Phone no |
| 7 | Insufficient Funds |
| 8 | Reference no Is blank |
| 9 | Invalid Destination Account |
| 10 | Reference exists |
| 11 | No transactions |
| 12 | No Description |
| 13 | Account and Msidn does not match |
| 14 | Transfer to same account |
| 15 | Amount less than zero not allowed |
| 17 | No Branch found |
| 18 | Beneficialy name missing |
| 19 | Empty destination acount |
| 20 | Branch name is missing |
| 21 | Bank name missing |
| 22 | Transaction type not specified |
| 23 | Biller is missing |
| 24 | Meter Number is missing |
| 25 | Account is not active or blocked |
| 26 | Mpesa Reference is missing |