

# The Kazang Online API v1.0

is a RESTful API that enables Kazang clients to accept online payments and integrate them into their shopping carts, web platforms, or any digital platform. This API provides endpoints for creating transactions, retrieving transaction details, and handling the result of the transaction.

## Authentication

All requests to the API must include an API key in the request headers, which will be provided to clients by Kazang.

Base Url = `https://realtime.abc.co.zm:8443/KazangPaymentGateway/api/GateWay`

*There are 2 Steps to a transaction:*

## Step 1: Create Transaction

This endpoint creates a transaction and returns a URL to redirect the customer to make the payment.

*Endpoint: /CreateTransaction*

HTTP Method: POST

Request Parameters:

- *amount (required): The amount of the transaction.*
- *service\_description (required): A description of the service being paid for.*
- *client\_reference (required): A reference ID for the transaction provided by the client.*
- *cancel\_url (required): The URL to redirect the customer to if the transaction is canceled.*
- *success\_url (required): The URL to redirect the customer to if the transaction is successful.*

SAMPLE

POST /CreateTransaction

```
{  
  
  "API_KEY": "ex0da211-3g27-5291-9za5-53etcf0d87da" ,  
  "amount": 10.0,  
  "service_description": "Example Service",  
  "client_reference": "123456",  
  "cancel_url": "https://example.com/cancel",  
  "success_url": "https://example.com/success"  
}
```

Example Response:

```
{
```

```
"ID": "c02da280-3f97-42a8-9fa5-53ec0f0b5b7a",  
"url": "https://gatewaykazang.chrilantech.com/kazangOnline?id=c02da280-3f97-42a8-  
9fa5-53ec0f0b5b7a"  
}
```

### *Step 2: Process Transaction*

Redirect the user to the returned URL to process the transaction with the customer. If the transaction is successful, the Kazang API will hit the success\_url endpoint provided in step one.

If the transaction is authenticated and validated, the Kazang API will redirect the customer to the success\_url endpoint specified in the original request, including the following query parameters in the URL:

- *id*: The unique identifier for the transaction.
- *cell*: The mobile phone number of the customer who made the payment.
- *network*: The mobile network provider for the customer's phone.
- *kazang\_ref*: The unique identifier assigned to the transaction by the Kazang API. This is different from the *id* field, which is the identifier assigned by your application.

If the transaction fails to authenticate or validate, the Kazang API will redirect the customer to the cancel\_url endpoint specified in the original request.

The success\_url endpoint should be set up by the merchant to handle the response from the Kazang API. The merchant should extract the query parameters from the URL and use them to update their records accordingly. The kazang\_ref field can be used to reconcile the transaction in the merchant's records with the transaction in the

## **Kazang system.**

### Versioning

This API is version 1.0 and was authored by Chris Naude. Any changes to the API endpoints or parameters will result in a new version number.

### Conclusion

The Kazang API provides a secure and reliable method for merchants to accept payments online. By using the API, merchants can seamlessly integrate payment processing into their digital platforms, providing a better user experience for their customers.