

# Integration Center

## Third Party API documentation – Top Up

### OVERVIEW

This document is intended to list and explain the use of APIs given out to third parties for top up services.

The services can be accessed via the URL formatted as follows:

`http://IP:Port/serviceName`

An API key is generated after third party is provisioned on the platform.

The API key, IP and Port would be provided at the point of integration.

All parameters described are to be sent via POST except parameters for the **export** service which are to be sent via GET.

### API DETAILS

#### Service Name: topup

This service is for topping up a customer's phone number.

Parameter	Type	Description	Example
institution_id	String	This is the id of the third party provided during provisioning.	14110223612
api_key	String	This is a key that is required to authenticate the third party consuming the API services.	f446u727d2l0r
msisdn	String	This refers to the phone number of the user to be topped up. This should be formatted as described in the example.	233265567786
network	String	This is the network of the msisdn. The possible values are [ AIRTEL ] [ MTN ] [ EXPRESSO ] [ GLO ] [ TIGO ] [ VODAFONE ]	AIRTEL
amount	Float	This is the amount for the top up. (Up to 2dp else would be rounded off to 2dp).	1.00

### Service Name: balance

This service is for checking the balance of the third party after being provisioned on the platform.

Parameter	Type	Description	Example
institution_id	String	This is the id of the third party provided during provisioning.	141126229012
api_key	String	This is a key that is required to authenticate the third party consuming the API services.	f446a437d2l0r

### Service Name: report

This service is for requesting for transaction reports. The response for this service is JSON formatted.

Parameter	Type	Description	Example
institution_id	string	This is the id of the third party provided during provisioning.	141165823612
api_key	string	This is a key that is required to authenticate the third party consuming the API services.	f446n127d2j0r
start_date	string	Date time at which the report begins. Formatted as yyyy/mm/dd hh:mm:ss	2014/11/20 06:11:12
end_date	string	Date time at which the report ends. Formatted as yyyy/mm/dd hh:mm:ss	2014/11/20 06:11:12

### Service Name: export

This service is also for requesting for transaction reports. The response for this service is CSV formatted.

Parameter	Type	Description	Example
institution_id	string	This is the id of the third party provided during provisioning.	141129523612
api_key	string	This is a key that is required to authenticate the third party consuming the API services.	f446a107d2l0r
start_date	string	Date time at which the report begins. Formatted as YYYY/MM/DD hh:mm:ss	2014/11/20 06:11:12
end_date	string	Date time at which the report ends. Formatted as YYYY/MM/DD hh:mm:ss	2014/11/20 06:11:12

*\*This service will export the transaction information in CSV comma delimited format.*

## **RESPONSE**

The TOPUP Server after authenticating and processing will send a response formatted in JSON. Below is a sample of what third parties should expect.

Parameter	Type	Description	Example
code	String	Provides the success or error code of the transaction requested	00
msg	String	Contains the results of the transaction	Top up successful
data	Array	Contains any additional data that is part of the results e.g. transaction id	

## **STATUS CODE**

Status code	Description
00	SUCCESS
01	GENERAL ERROR CODE
02	SERVER BUSY
03	INSUFFICIENT BALANCE