SimbaNET Malawi Limited
Area 12/518
P. O. Box 31322, Lilongwe, Malawi.
Tel: +265-(1)-772-488
Email: info@SimbaNET.co.mw Website: www.SimbaNET.co.mw

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MISPA

PROVISION OF CACHE FILL AND CDN MANAGEMENT AT THE MIX

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TECHNICAL APPROACH

As the current provider of IP Transit to MISPA at the Malawi Internet Exchange, SimbaNET understands that MISPA not only requires IP Transit capacity but management of the CDN nodes that will utilize this capacity. SimbaNET agrees to implement the project as per the approach and methodology below in line with the requirements and scope of service.

Objectives

I. To provide reliable cache fill Internet connection (IP Transit).
II. To manage CDN nodes.

Proposed Solution

We understand that MISPA wants to ensure that it avails to local ISPs an excellent experience in relation to CDN traffic access.

We therefore propose the following;

- Type of connection: SimbaNET will connect the MIX with end-to-end dedicated fiber.
- The solution provides Symmetric Bandwidth Upstream and downstream.
- BGP peering with the MIX route-server and CDN nodes.
- Global prefix advertisement, when required.
- Equipment: Provider edge router to be located at the MIX for easy port termination and management.
- CDN Management:
  - BGP Peering: BGP configurations and prefix advertisement.
  - Problem troubleshooting: Fault finding and troubleshooting.
  - Assistance with hardware installation.
- Traffic Portal: Cacti portal showing bandwidth utilization to be provided.
- 24/7 Customer support services

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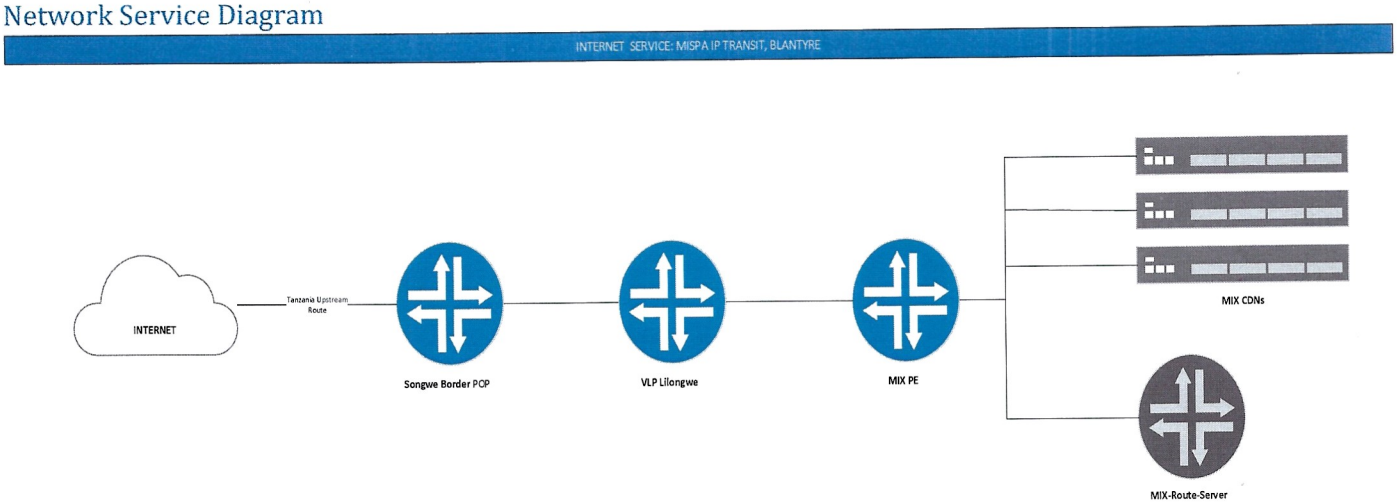
Network Service Diagram



- IP Transit to be routed through our Tanzania upstream route.
- Provider Edge routed to be located at MIX connecting to the MIX Route Server and CDNs.
- BGP Peering between Provider Edge router and MIX nodes.
- Global routing for MIX and CDN prefixes.

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FINANCIAL PROPOSAL

Non - Recurring Charges

SimbaNET Malawi Limited **New Area 12, Plot No 518,** **LILONGWE, MALAWI.** **Tel: +265 (0) 1 772 488** **TPIN: 20207016** **Quote No: 00000376** **Quote Date : 11/ 01/ 2022**	**Remarks : Provision of Cache Fill and CDN Management to MISPA / MALAWI**

S.I	Item Name	Unit of Measure	Qty	Unit Price (US$)	Excise Duty 10%	VAT 16.5%	Total (US$)
1	Non – recurring Installation Cost	Once off	-	-	-	-	-

Monthly Recurring Charges

S.I	Item Name	Unit of Measure	Qty	Unit Price	MRR Amount	Excise Duty 10%	VAT 16.5%	Total(US$)
1	Monthly recurring charge – **100Mbps** Internet bandwidth Contract Period: **1 Year**	Mbps	100	$43.00	$4,300.00	$430.00	$780.45	$5,510.45

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2	Monthly recurring charge – **200Mbps** Internet bandwidth Contract Period: **1 Year**	Mbps	200	$42.00	$8,400.00	$840.00	$1,524.60	$10,764.60
3	Monthly recurring charge – **250Mbps** Internet bandwidth Contract Period: **1 Year**	Mbps	250	$41.00	$10,250.00	$1,025.00	$1,860.38	$13,135.38

TERMS:

I. All rates are quoted inclusive of local duties and taxes (10% Excise duty and 16.5% VAT as applicable by the Malawi Government)
II. The quotation has been based on USD and has been converted at MK825 as exchanged at 7th January 2022. Billing shall use the ruling exchange rate on the day of invoice.
III. This quotation valid only for a contract of 1 year.

Name: ELIAS DZIKO In the Capacity of: Country Manager----------

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