



rnr and kolo

# NOTARY NODE TEAM CANDIDATURE

Common application for **2 x 4** (independent) **Komodo notary nodes**.

We believe in the need to provide the best possible network nodes – with the best possible infrastructure and connection – **close to worlds internet hotspots!**

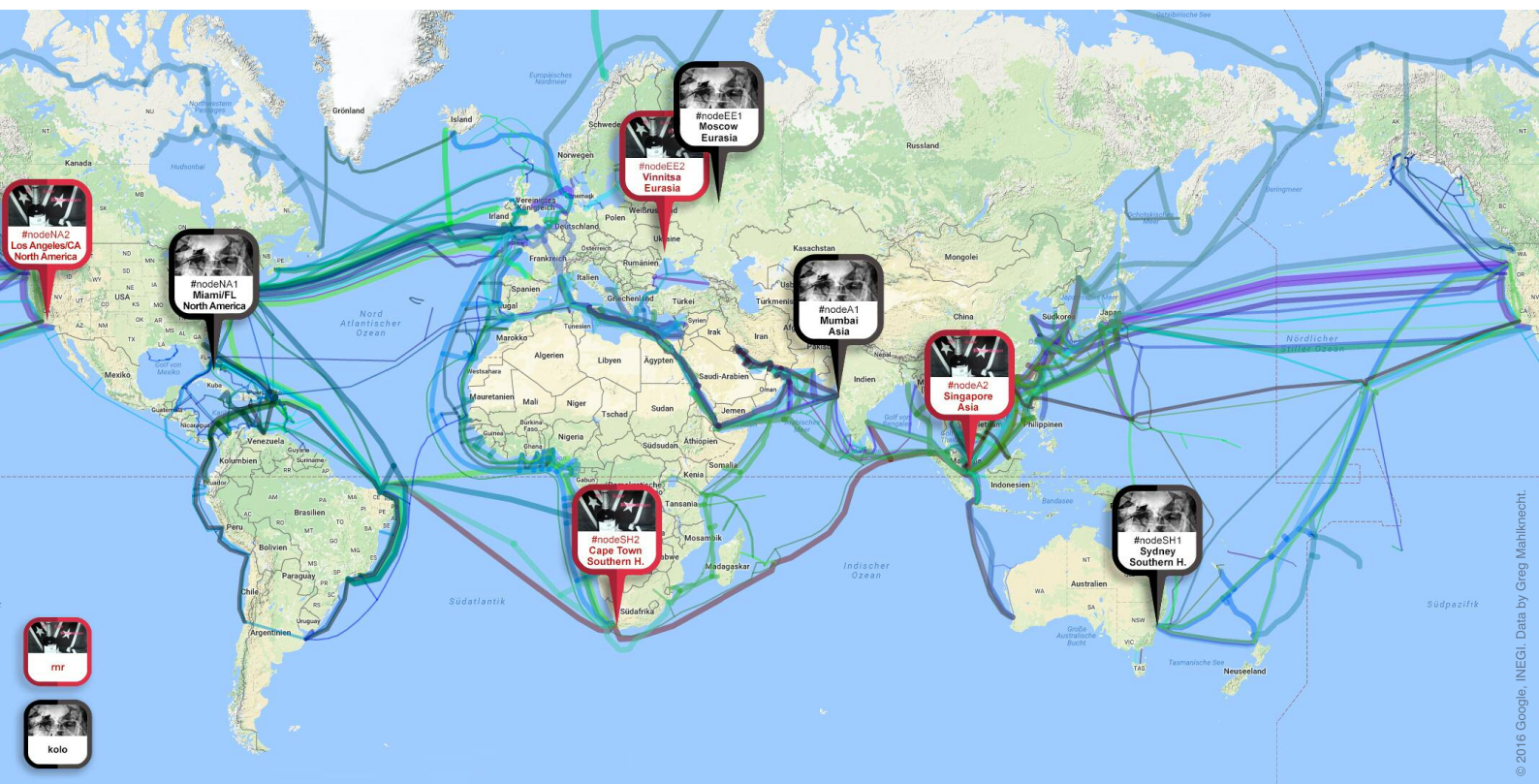
jl777:

*"A notary node will need to run all the assetchains and als DEX orderbook, also will be doing price feeds, RNG beacon and poker deck shuffling."*



That require high performance hardware and **low latency!**

**We provide:** Independent dedicated servers, connected and along to worlds prime & best internet connections – **transnational** – to guarantee an high availability for notary nodes:



## 2 x 4 POWERFUL DEDICATED SERVERS

- ✓ Intel Xeon Server-CPU
- ✓ Up to **16 Cores / 32 Threads**
- ✓ Up to **128 GB** Ram
- ✓ Up to **2 x 1,000 GB** SSD (Raid 1)

## STRATETIC IP-LOCATIONS GLOBALLY CONNECTED

- ➔ Up to **1,000 Mbps** Internet Port
- ➔ **Tier III + II** Datacenters
- ➔ Close to main **sea cable landing points**
- ➔ **8 x different** Hosting-Provider

sysadmin &amp; Development

# NOTARY NODES ADMINISTRATION

The **Komodo** project is in constant and ongoing developing process. Together as a team we insure reliable human resources & competent knowledge in blockchain/crypto technologies, networking, scripting, debugging, testing and other daily sysadmin tasks.

```

1 FROM ubuntu:16.04
2
3 MAINTAINER kolo <kolo@mewhub.com>
4
5 # All the stuff
6 # And clean out packages, keep space minimal
7 RUN apt-get -y update && \
8     apt-get -y upgrade && \
9     apt-get -y install build-essential pkg-config libc6-dev m4 g++-multilib autoconf libtool ncurses-dev \
10     unzip git python zlib1g-dev wget bsdmainutils automake libboost-all-dev libssl-dev libprotobuf-dev \
11     protobuf-compiler libqt4-dev libqrencode-dev libdb++-dev software-properties-common libcurl4-openssl-dev && \
12     apt-get clean && \
13     rm -rf /var/lib/apt/lists/* /tmp/* /var/tmp/*
14
15 # configure || true or it WILL halt
16 RUN git clone https://github.com/jl777/komodo.git /komodo && \
17     cd /komodo && \
18     git checkout dPoW && \
19     (autoconf.sh && \

```

## Debugging

Profound skilled admin are able to properly operate, update and debug software being constantly in development – for keeping it safe and stable.

## Developing

Growing a big new network means also building an ecosystem of tools for it. Prepacked images, node monitoring, block explorers, statistics and admin tools.

Competence in Eurasia, Asia, North America, Africa and Australia:

Apart from the daily sysadmin tasks to run the notary servers we also want to take part of develop tools for an easy node setup, project support and monitoring system.



## BULLETPROOF SERVER SETUP

- ➔ Secured and tweaked Linux OS
- ➔ Constant upgrading
- ➔ Constant monitoring
- ➔ Nice ponies in /etc/motd

## ADDED VALUE KOMODO RELATED

- ➔ Best **IP-locations** research
- ➔ Work effort in **Testnet** participation
- ➔ Developing & Debugging
- ➔ Continuous **Slack & Status** monitoring



# Backup INDEPENDENT

Each of us are run and operate 4 nodes independent from each other.

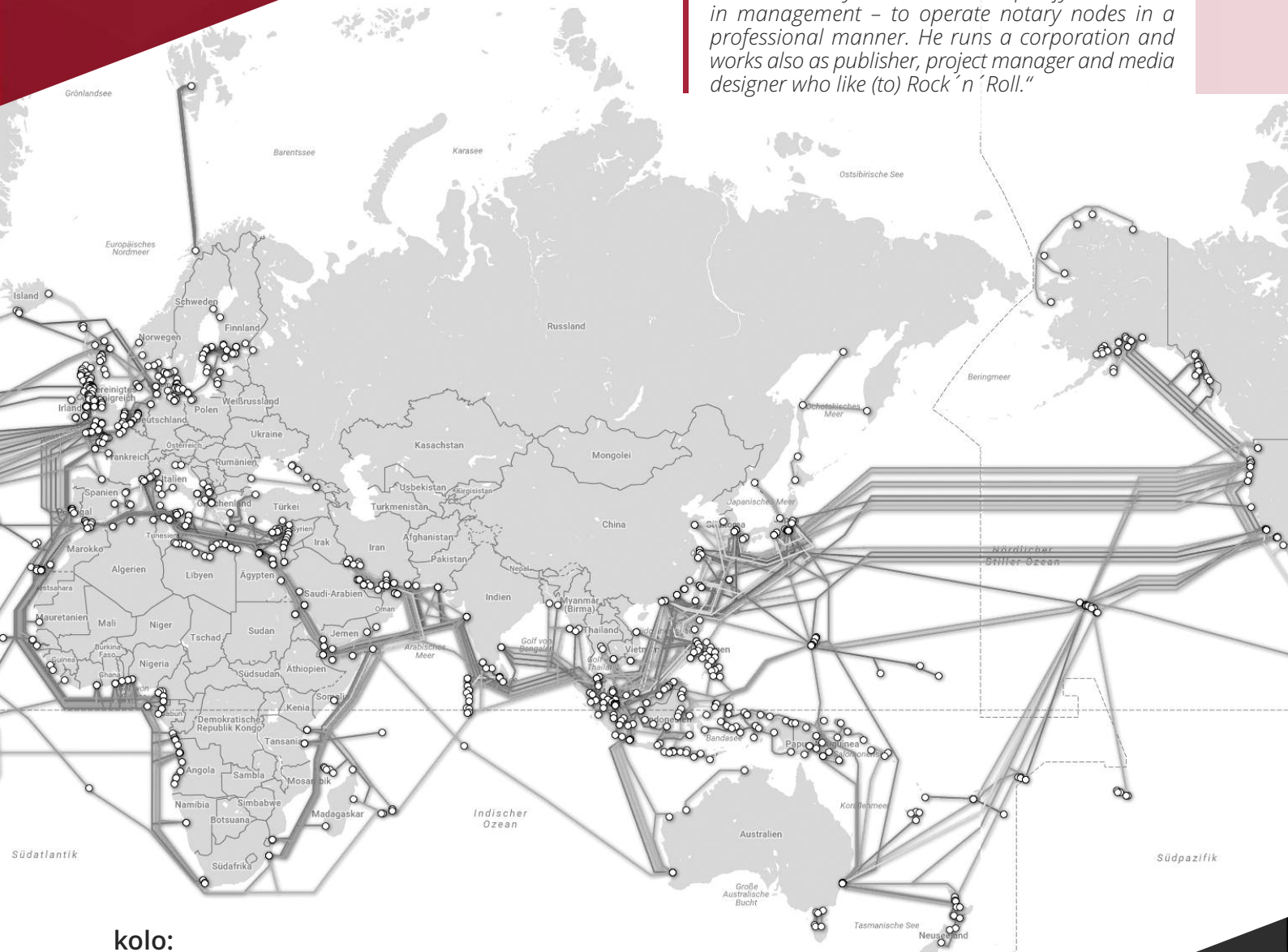


rnr

**rnr:**

*"Active in crypto since 2012 and operated 10 GPU-mining rigs. He's able to dive easily in cryptocurrency mechanisms."*

*More than 20 years in business qualify him – also in management – to operate notary nodes in a professional manner. He runs a corporation and works also as publisher, project manager and media designer who like (to) Rock 'n' Roll."*



**kolo:**

*"Profound sysadmin and DevOps with more than 12 years background, currently working as a data-center engineer."*

*Had survived protecting the servers of one of the biggest local game payments aggregator. He's also a PHP developer, cryptography expert, pirate and just a nice guy."*

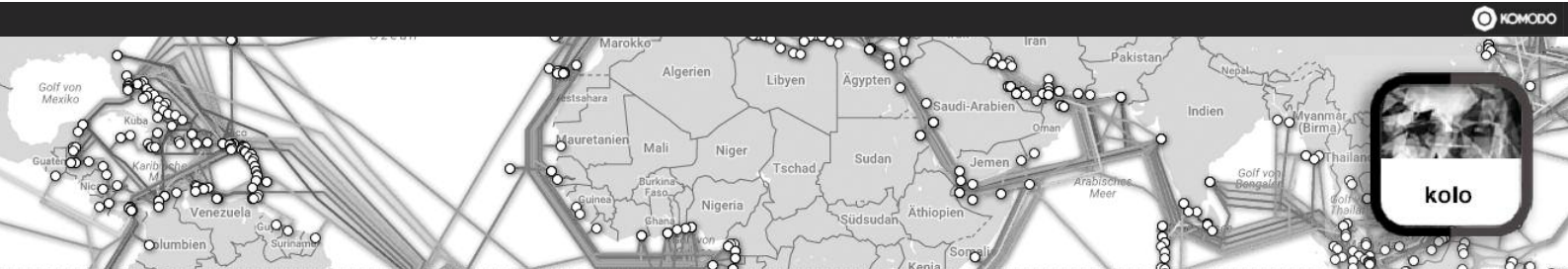


kolo

## Progress MUTAL SUPPORT

We backup each other to provide failure-free nodes.





kolo\_NA (#nodeNA1)

## MIAMI/FL | USA | NORTH AMERICA

High performance server and **low latency IP-location** (Florida / USA) – “Gateway to the Americans” – which offers exceptional connectivity to **North America**, **Central America**, and **South America** as also a great connectivity to **European countries**.

### POWERFUL DEDICATED SERVER

- ✓ 2 x Xeon E5 2603v3 1.6 GHz
- ✓ 12 Cores / 12 Threads
- ✓ 64 GB Ram
- ✓ 2 x 512 GB SSD (Raid 1)
- ✓ 5 x IPv4
- ✓ 1,000 Mbps Port

### SEA CABLE CONNECTIONS

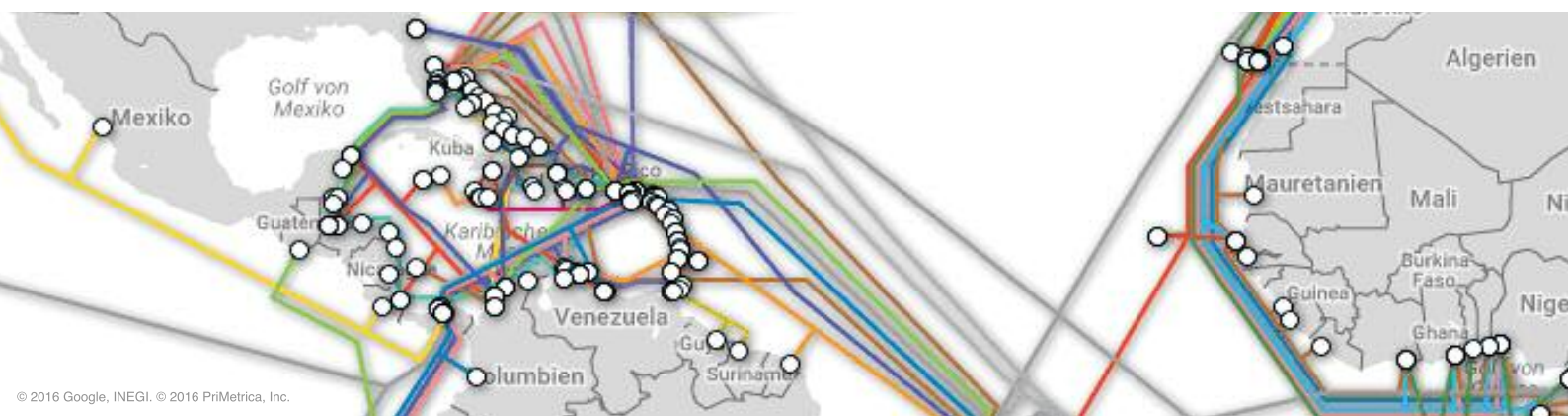
- ➔ America Movil Submarine Cable System-1
- ➔ ARCOS
- ➔ Americas-II
- ➔ Columbus-III
- ➔ Maya-1
- ➔ Mid-Atlantic Crossing (MAC)
- ➔ Bahamas Internet Cable System (BICS)
- ➔ Colombia-Florida Subsea Fiber (CFX-1)
- ➔ GlobeNet
- ➔ Monet
- ➔ South America-1 (SAm-1)

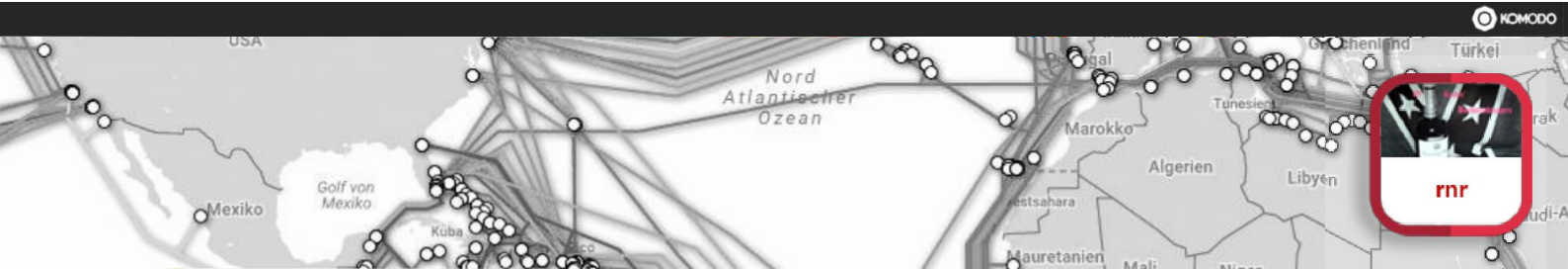
### STRATEGIC IP-LOCATION LOW LATENCY LANDING POINTS

- |               |                            |
|---------------|----------------------------|
| ➔ Colombia    | ➔ Cayman Islands           |
| ➔ Mexico      | ➔ Panama                   |
| ➔ Brazil      | ➔ Turks and Caicos Islands |
| ➔ Guatemala   | ➔ Dominican Republic       |
| ➔ Honduras    | ➔ Venezuela                |
| ➔ Brazil      | ➔ Curaçao                  |
| ➔ Puerto Rico | ➔ Martinique               |
| ➔ Belize      | ➔ Trinidad and Tobago      |
| ➔ Nicaragua   | ➔ Jamaica                  |
| ➔ Bahamas     | ➔ Bermuda                  |
| ➔ Chile       | ➔ Portugal                 |
| ➔ Argentina   | ➔ Spain                    |
| ➔ Peru        | ➔ Italy                    |
| ➔ Ecuador     |                            |

### DATACENTER

- ➔ Miami/FL (East Coast)





rnr\_NA (#nodeNA2)

## LOS ANGELES/CA | USA | NORTH AMERICA

High performance server and **low latency IP-location** (California/USA) with important sea cable landing points to connect North America with **Asia**, **Southern Hemisphere** and costly (bandwidth, server rental) **South America**.

### POWERFUL DEDICATED SERVER

- ✓ 1 x Xeon E3-1270v5 3.06 GHz
- ✓ 4 Cores / 8 Threads
- ✓ 64 GB Ram
- ✓ 2 x 512 GB SSD (Raid 1)
- ✓ 5 x IPv4
- ✓ 1,000 Mbps Port
- ✓ 4 Gbps / 8,000,000 pps **DDoS protection**

### SEA CABLE CONNECTIONS

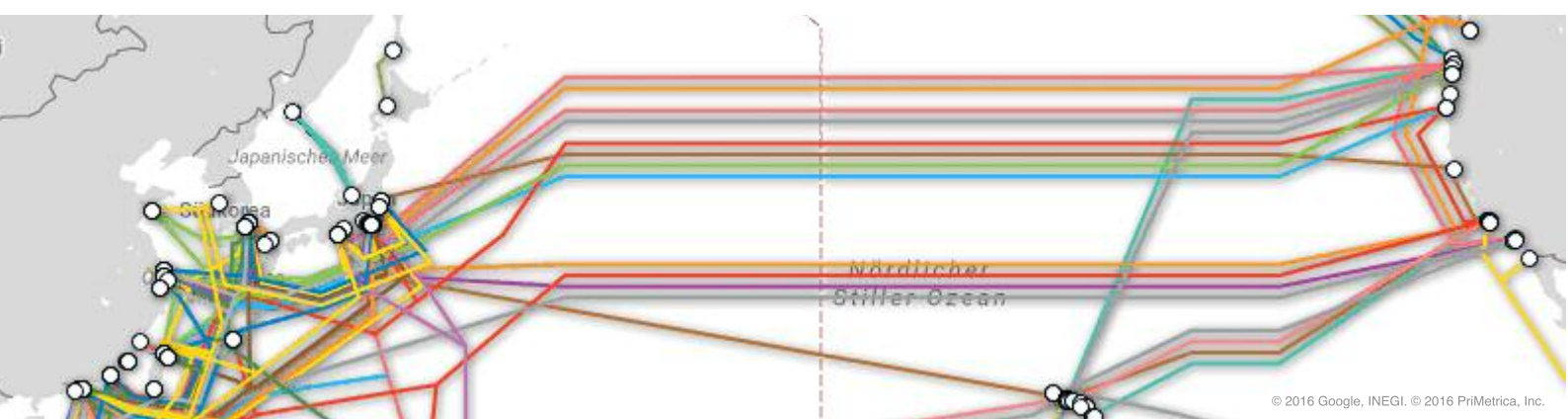
- ➔ Unity/EAC-Pacific
- ➔ SEA-US
- ➔ Pacific Light Cable Network (PLCN)
- ➔ Tata TGN-Pacific h
- ➔ Pacific Crossing-1 (PC-1)
- ➔ Pan-American Crossing (PAC)
- ➔ Asia-America Gateway (AAG)
- ➔ China-U.S. Cable Network (CHUS)
- ➔ Japan-U.S. Cable Network (JUS)
- ➔ Southern Cross Cable Network (SCCN)

### STRATETIC IP-LOCATION LOW LATENCY LANDING POINTS

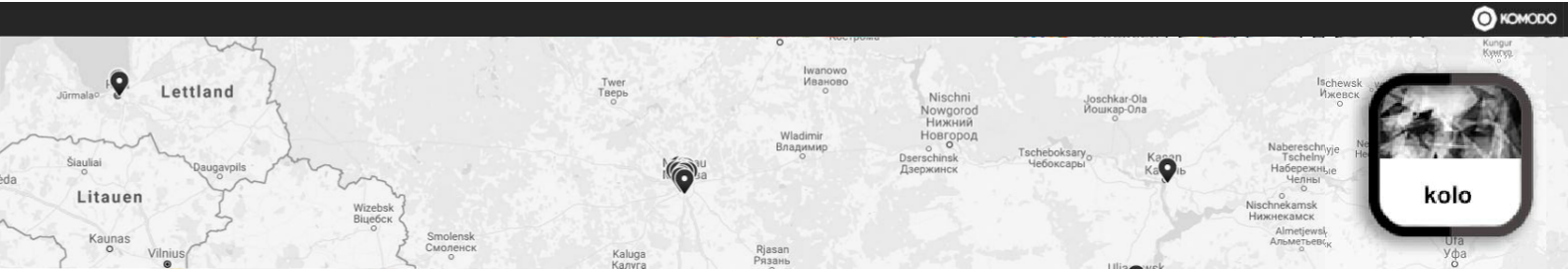
- |               |               |
|---------------|---------------|
| ➔ Panama      | ➔ Indonesia   |
| ➔ Mexico      | ➔ Malaysia    |
| ➔ Costa Rica  | ➔ Thailand    |
| ➔ Hong Kong   | ➔ Vietnam     |
| ➔ Japan       | ➔ Brunei      |
| ➔ Korea       | ➔ Guam        |
| ➔ Taiwan      | ➔ Hawaii      |
| ➔ China       | ➔ Fiji        |
| ➔ Phillipines | ➔ New Zealand |
| ➔ Singapore   | ➔ Australia   |

### DATACENTER

- ➔ Los Angeles/CA (West Coast)







kolo\_EU (#nodeEE1)

# MOSCOW | RUSSIA | EASTERN EUROPE

High performance server and **low latency IP-location** with neighbourhood to important internet exchange points (IPX) to exchange traffic across **EURASIA countries, Europe, Middle East and Asia.**

## POWERFUL DEDICATED SERVER

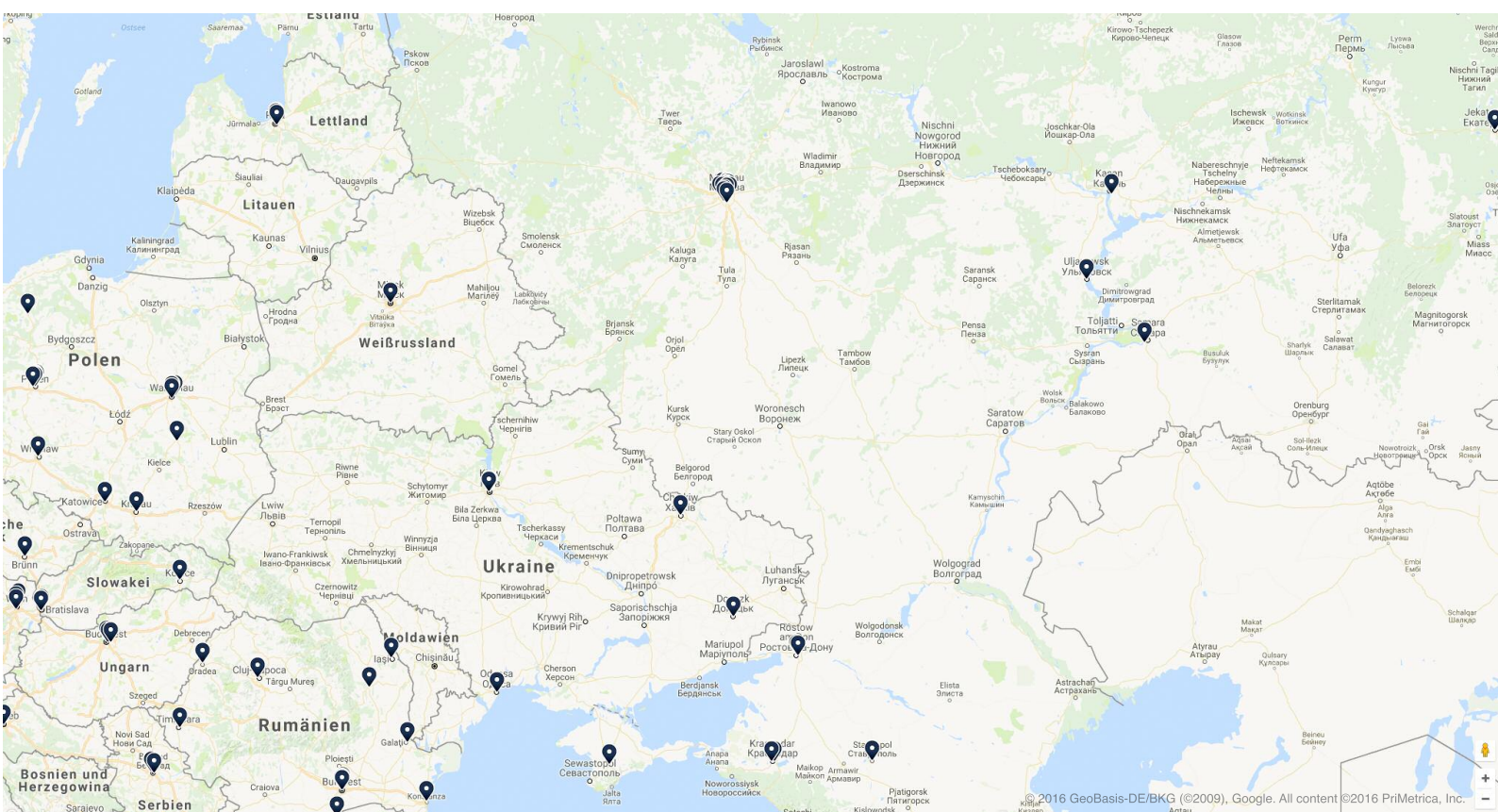
- ✓ 2 x Xeon E5-2630v2 2.6 GHz
- ✓ 12 Cores / 24 Threads
- ✓ 64 GB Ram
- ✓ 2 x 480 GB SSD (Raid 1)
- ✓ 1 x IPv4
- ✓ 1,000 Mbps Port

## STRATEGIC IP-LOCATION NEIGHBOURING (IPX)

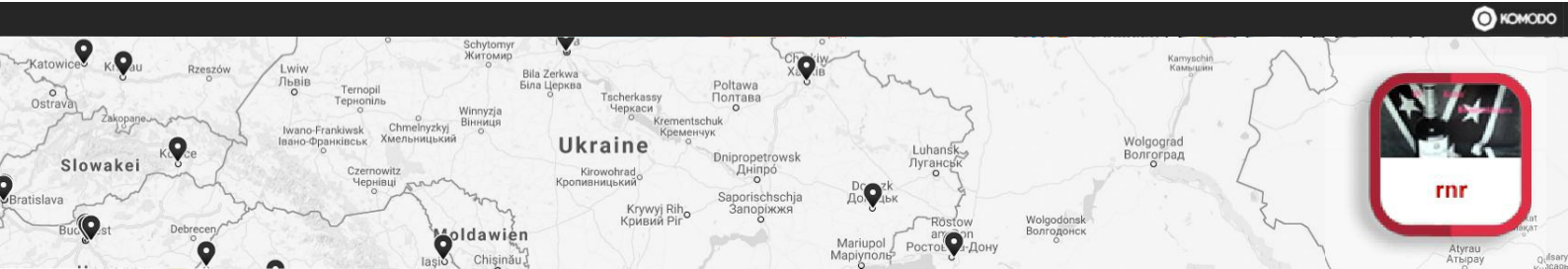
- ➔ Finland
- ➔ Estonia
- ➔ Latvia
- ➔ Belarus
- ➔ Ukraine
- ➔ Georgia
- ➔ Azerbaijan
- ➔ Kazakhstan
- ➔ Mongolia
- ➔ China

## DATACENTER

- ➔ Moscow







rnr\_EU (#nodeEE2)

## VINNITSA | UKRAINE | EASTERN EUROPE

High performance server and **low latency IP-location** – European „door“ to Russia and Asia – with neighbourhood to important internet exchange points (IPX) to exchange traffic across **EURASIA countries, Europe and Asia.**

### POWERFUL DEDICATED SERVER

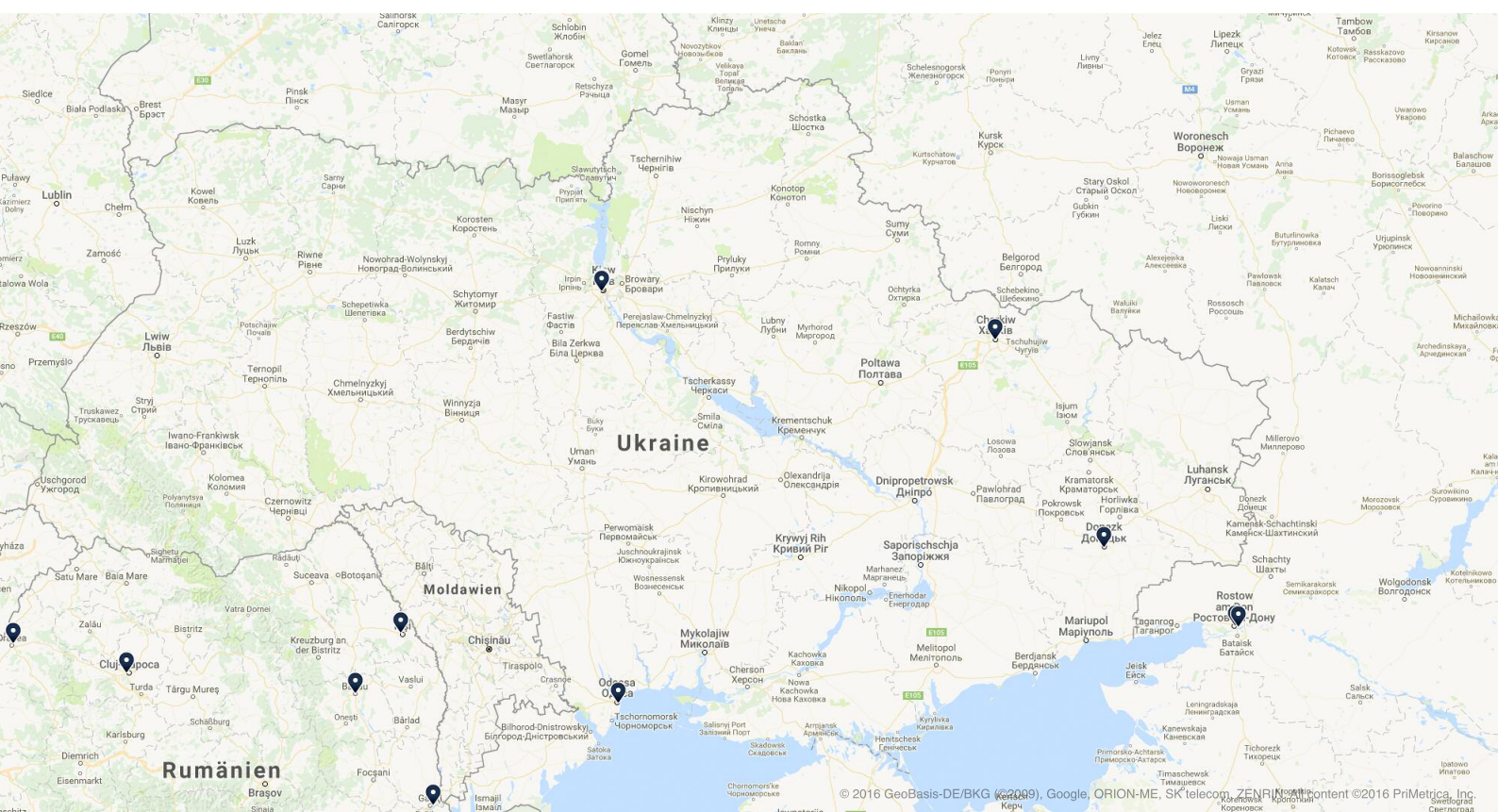
- ✓ 2 x Xeon E5-2665v5 2.4 GHz
- ✓ 16 Cores / 32 Threads
- ✓ 64 GB Ram
- ✓ 2 x 480 GB SSD (Raid 1)
- ✓ 2 x IPv4
- ✓ 100 Mbps Port

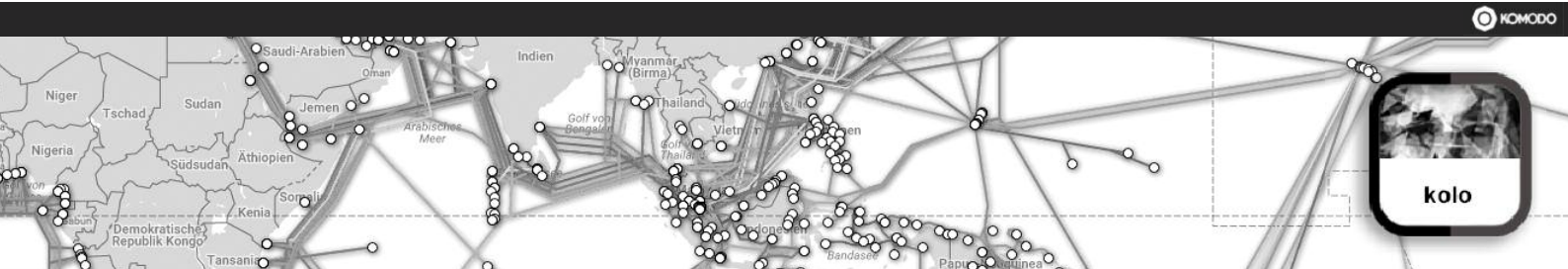
### STRATEGIC IP-LOCATION NEIGHBOURING (IPX)

- ➔ Kiev (DTEL-IX)
- ➔ Kiev (NetIX)
- ➔ Kiev (UA-IX)
- ➔ Odessa (PIRIX)
- ➔ Kharkow (KH-IX)
- ➔ Donetsk (DN-IX)
- ➔ Slovakia
- ➔ Poland
- ➔ Belarus
- ➔ Russia
- ➔ Moldavia
- ➔ Romania
- ➔ Hungary

### DATACENTER

- ➔ Vinnitsa





kolo\_AE (#nodeA1)

## MUMBAI | INDIA | ASIA

High performance server and **low latency IP-location** offers exceptional connectivity to **Europe, Africa, Asia** and the **Middle East**.

### POWERFUL DEDICATED SERVER

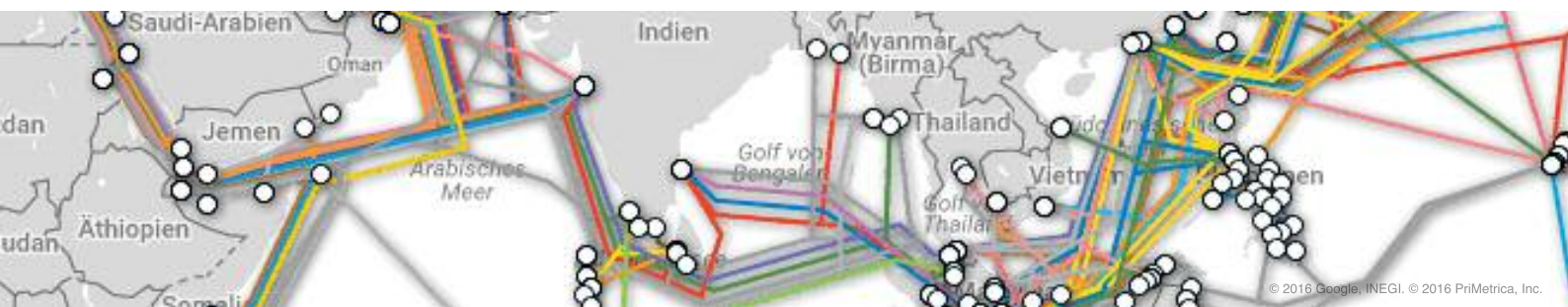
- ✓ 1 x Xeon X5570 2.93 GHZ
- ✓ 4 Cores / 8 Threads
- ✓ 64 GB Ram
- ✓ 2 x 480 GB SSD (Raid 1)
- ✓ 1 x IPv4
- ✓ 1,000 Mbps Port
- ✓ Mumbai Datacenter

### SEA CABLE CONNECTIONS

- ➔ Africa-1 ➔ FALCON ➔ IMEWE
- ➔ Asia Africa Europe-1 (AAE-1)
- ➔ Bay of Bengal Gateway (BBG)
- ➔ Europe India Gateway (EIG)
- ➔ FLAG Europe-Asia (FEA)
- ➔ Gulf Bridge International Cable System (GBICS)
- ➔ Middle East North Africa (MENA)
- ➔ SEACOM/Tata TGN-Eurasia
- ➔ SeaMeWe-3 ➔ SeaMeWe-4

### STRATEGIC IP-LOCATION LOW LATENCY LANDING POINTS

- |                |                        |               |                  |
|----------------|------------------------|---------------|------------------|
| ➔ Madagascar   | ➔ Lebanon              | ➔ Thailand    | ➔ Turkey         |
| ➔ Tanzania     | ➔ Qatar                | ➔ Vietnam     | ➔ Greece         |
| ➔ Mozambique   | ➔ Kuwait               | ➔ Cambodia    | ➔ Cyprus         |
| ➔ Yemen        | ➔ Bahrain              | ➔ Sri Lanka   | ➔ Portugal       |
| ➔ Kenya        | ➔ Iraq                 | ➔ Philippines | ➔ Monaco         |
| ➔ South Africa | ➔ Iran                 | ➔ Taiwan      | ➔ Gibraltar      |
| ➔ Sudan        | ➔ Jordan               | ➔ Hong Kong   | ➔ Spain          |
| ➔ Mauritius    | ➔ Saudi Arabia         | ➔ Korea       | ➔ United Kingdom |
| ➔ Egypt        | ➔ United Arab Emirates | ➔ Japan       | ➔ France         |
| ➔ Oman         | ➔ Libya                | ➔ China       | ➔ Belgium        |
| ➔ Djibouti     | ➔ Malaysia             | ➔ Singapore   | ➔ Germany        |
| ➔ Yemen        | ➔ Myanmar              | ➔ Indonesia   | ➔ Italy          |







rnr\_AE (#nodeA2)

# SINGAPORE | SINGAPORE | ASIA

High performance server and **low latency IP-location** in South East Asia which offers great connectivity to the **neighbour countries, Southern Hemisphere, Europe, Africa** and the **Middle East**.

## POWERFUL DEDICATED SERVER

- ✓ 2 x Xeon X5670 2.93 GHz
- ✓ 12 Cores / 24 Threads
- ✓ 64 GB Ram
- ✓ 2 x 1,000 GB SSD (Raid 1)
- ✓ 1 x IPv4
- ✓ 100 Mbps Port

## SEA CABLE CONNECTIONS

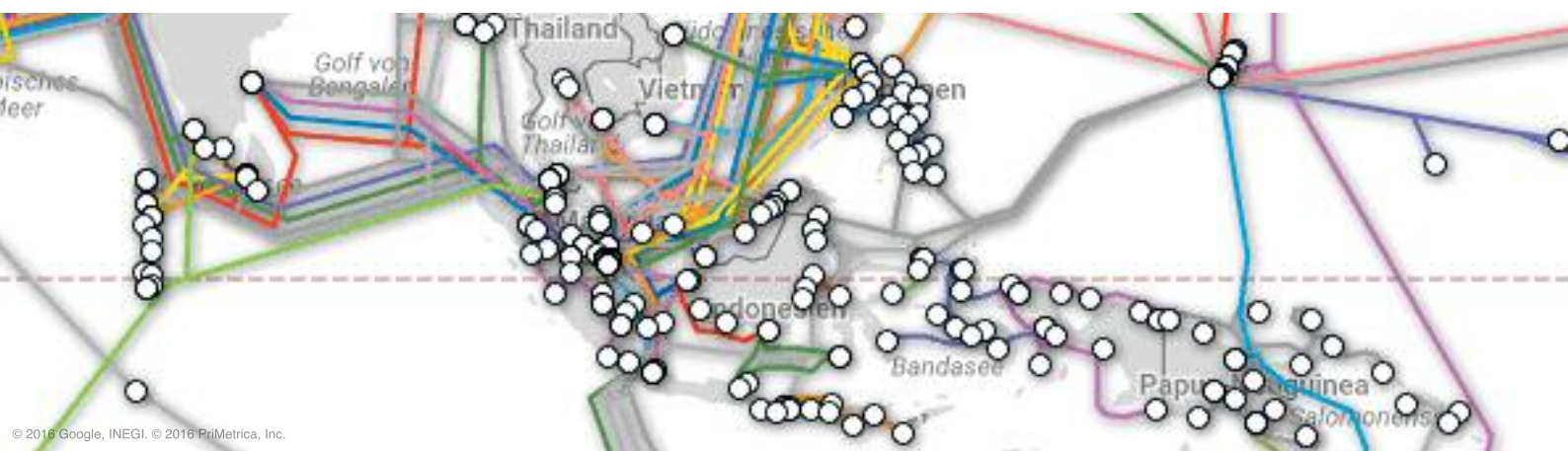
- ➔ Asia Submarine-cable Express (ASE)
- ➔ EAC-C2C ➔ APCN-2 ➔ Indigo
- ➔ Asia Pacific Gateway (APG)
- ➔ Australia-Singapore Cable (ASC)
- ➔ Batam Singapore Cable System (BSCS)
- ➔ Indonesia Global Gateway (IGG) System
- ➔ Jakarta-Bangka-Bintan-Batam-Singapore (B3JS)
- ➔ SeaMeWe-3 ➔ SeaMeWe-4 ➔ SeaMeWe-5
- ➔ Southeast Asia Japan Cable (SJC)
- ➔ i2i Cable Network (i2icn)

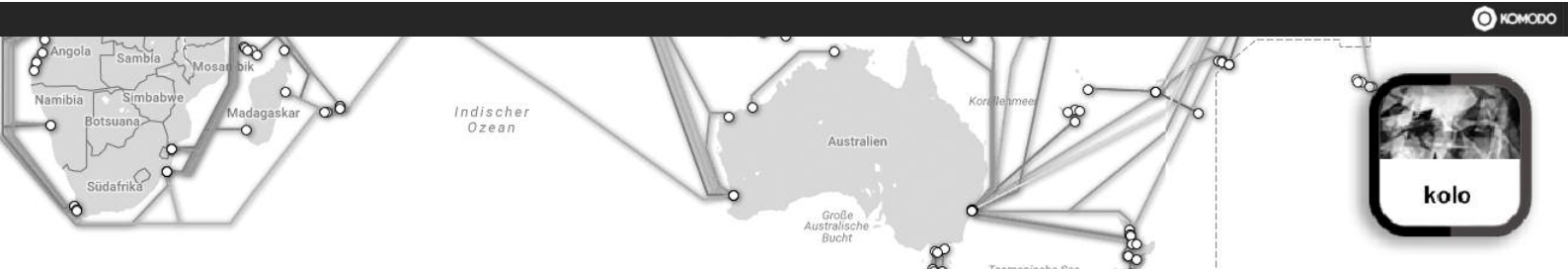
## STRATEGIC IP-LOCATION LOW LATENCY LANDING POINTS

- |               |                        |
|---------------|------------------------|
| ➔ Philippines | ➔ Australia (Perth)    |
| ➔ Japan       | ➔ Pakistan             |
| ➔ Malaysia    | ➔ Bangladesh           |
| ➔ Cambodia    | ➔ Egypt                |
| ➔ Hong Kong   | ➔ Yemen                |
| ➔ Taiwan      | ➔ Oman                 |
| ➔ Korea       | ➔ Djibouti             |
| ➔ China       | ➔ United Arab Emirates |
| ➔ Vietnam     | ➔ Saudi Arabia         |
| ➔ Thailand    | ➔ Turkey               |
| ➔ Indonesia   | ➔ France               |
| ➔ Sri Lanka   | ➔ Italy                |

## DATACENTER

- ➔ Singapore





kolo\_SH (#nodeSH1)

# SYDNEY | AUSTRALIA | SOUTHERN HEMISPHERE

High performance server and **low latency IP-location** which link Australia with the **Pacific Region, New Zealand, Asia** and **North America**.

## POWERFUL DEDICATED SERVER

- ✓ 2 x Xeon X5570 2.93 GHz
- ✓ **8 Cores / 16 Threads**
- ✓ **96 GB Ram**
- ✓ **2 x 480 GB SSD (Raid 1)**
- ✓ **1 x IPv4**
- ✓ **1,000 Mbps Port**

## STRATEGIC IP-LOCATION LOW LATENCY LANDING POINTS

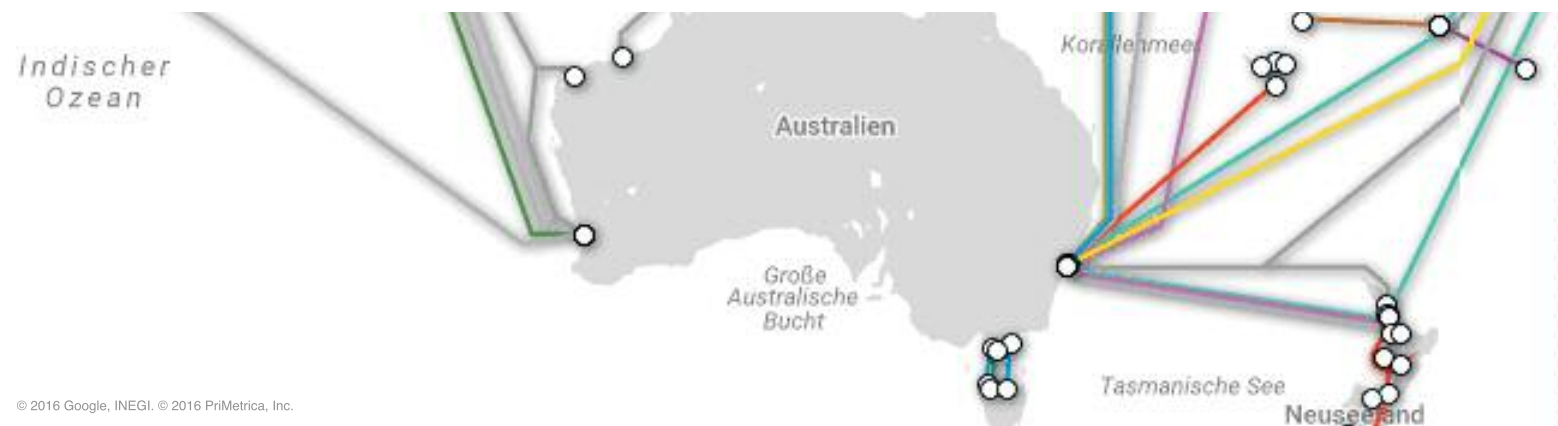
- ➔ Japan
- ➔ Guam
- ➔ New Zealand
- ➔ Fiji
- ➔ Papua New Guinea
- ➔ New Caledonia
- ➔ American Samoa
- ➔ Solomon Islands
- ➔ Hawaii
- ➔ United States

## SEA CABLE CONNECTIONS

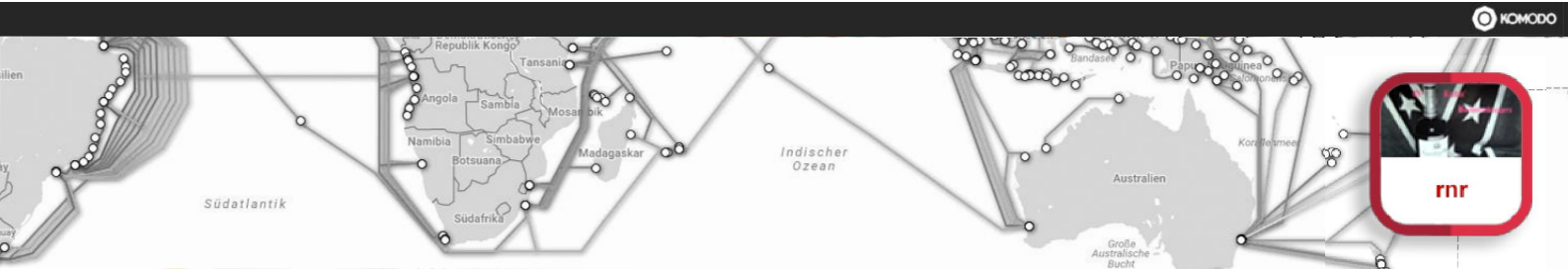
- ➔ Australia-Japan Cable (AJC)
- ➔ Tasman Global Access (TGA)
- ➔ Australia-Papua New Guinea-2 (APNG-2)
- ➔ Gondwana-1
- ➔ Hawaiki Cable
- ➔ PIPE Pacific Cable-1 (PPC-1)
- ➔ Solomons Oceanic Cable Network
- ➔ Australia-Japan Cable (AJC)
- ➔ Tasman-2
- ➔ Telstra Endeavour
- ➔ Southern Cross Cable Network (SCCN)

## DATACENTER

- ➔ Sydney







rnr\_SH (#nodeSH2)

## CAPE TOWN | SOUTH AFRICA | SOUTHERN H.

High performance server and **low latency IP-location** which offers great connectivity to the important regions. Sea cables link Africa with **North America**, **Europe** and **Asia**.

### POWERFUL DEDICATED SERVER

- ✓ 1 x Xeon E5 2620 2.0 GHz
- ✓ **6 Cores / 12 Threads**
- ✓ **128 GB Ram**
- ✓ **1 x 480 GB SSD**
- ✓ **4 x 1,000 GB SATA**
- ✓ **1 x IPv4**
- ✓ **100 Mbps Port**

### SEA CABLE CONNECTIONS

- ➔ South Atlantic Express (SAEx)
- ➔ West African Cable System (WACS)
- ➔ SAFE
- ➔ SAT-3/WASC
- ➔ Africa Coast to Europe (ACE)

### STRATEGIC IP-LOCATION LOW LATENCY LANDING POINTS

- ➔ Côte d'Ivoire
- ➔ Ghana
- ➔ Gambia
- ➔ Equatorial Guinea
- ➔ Guinea
- ➔ Benin
- ➔ Senegal
- ➔ Sierra Leone
- ➔ Nigeria
- ➔ India
- ➔ Malaysia
- ➔ Cameroon
- ➔ Cape Verde
- ➔ Gabon
- ➔ Angola
- ➔ Liberia
- ➔ Congo
- ➔ Mauritania
- ➔ France
- ➔ Spain
- ➔ United Kingdom
- ➔ United States

### DATACENTER

- ➔ Cape Town

