



Internet Number Resources and IXPs

An AFRINIC Update ... on the region!

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AFRINIC Today...



2300+
Organisation
members

**5th
RIR**

Established in 2005;
HQ in Mauritius

Serving
55
economies

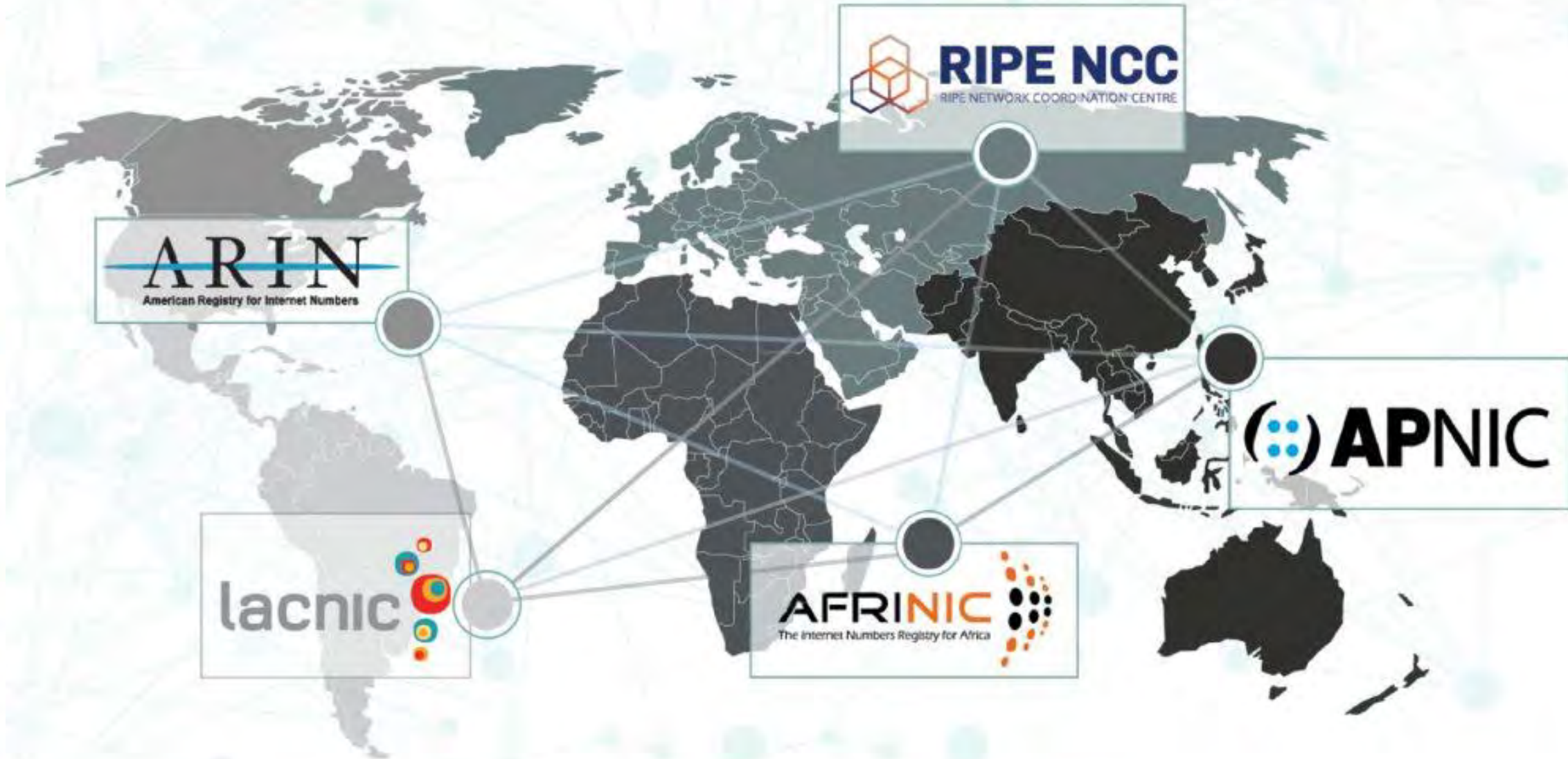
In Africa and Indian
Ocean

Operating since

2005

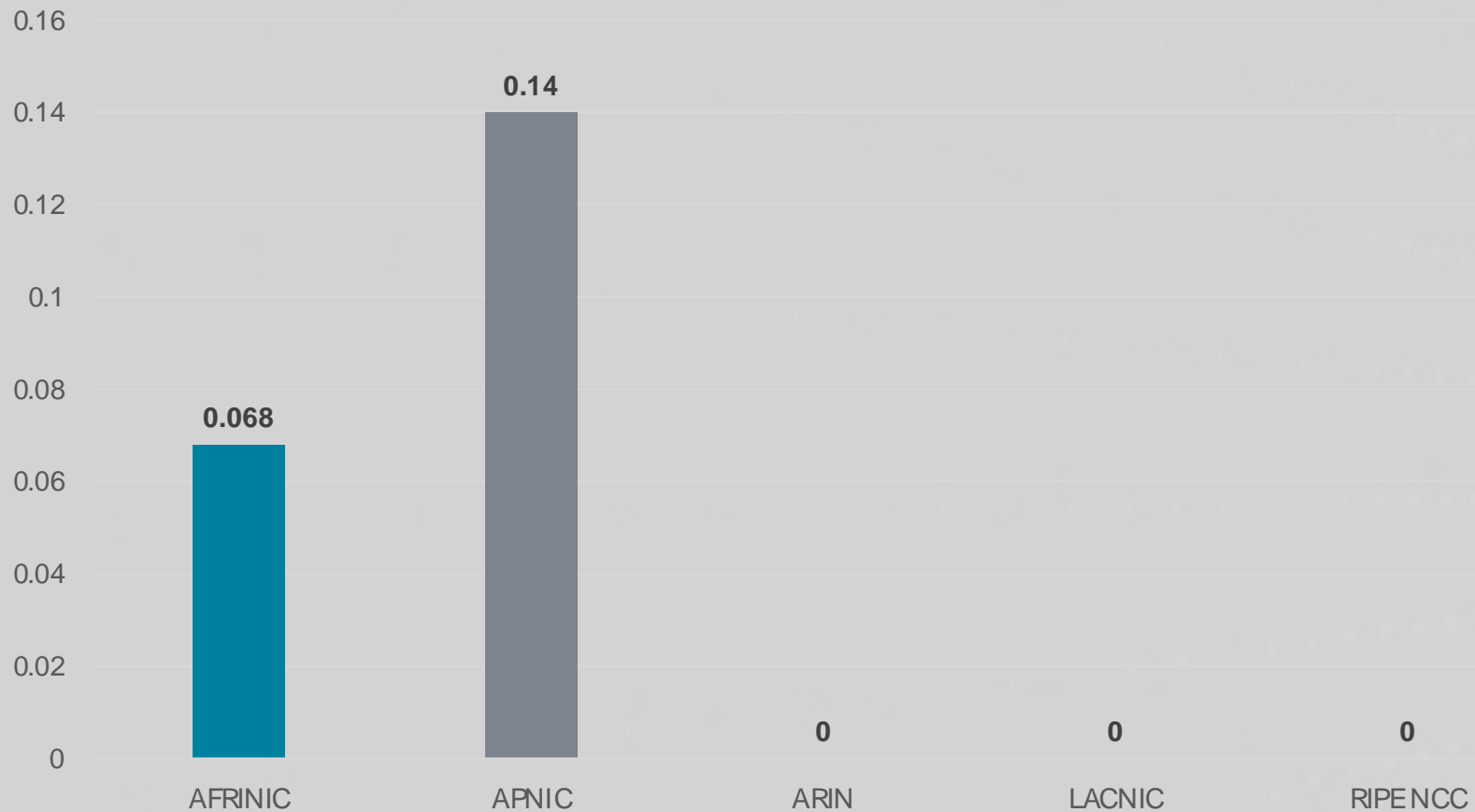
43

Staff



Available IPv4 Space in each RIR

In terms of /8s



Source: <https://www.nro.net/about/rirs/statistics/>

How many IPv4 remains today?

Total Members

2,312

Members with IPv6

1286

Total IPv4 Allocations (/24s)

436,402

Total Allocated ASNs

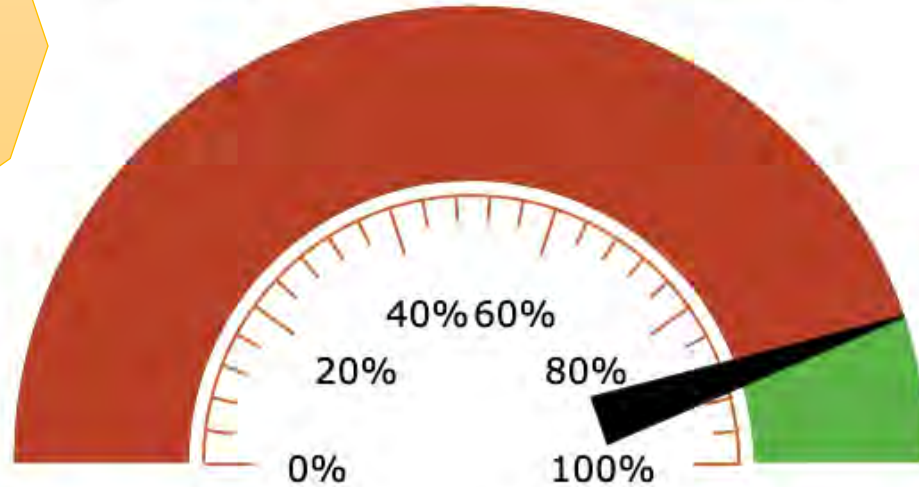
2,464

Aug-

We now have

1,053,440

available /32 left to hit total exhaustion.



89.4656 %

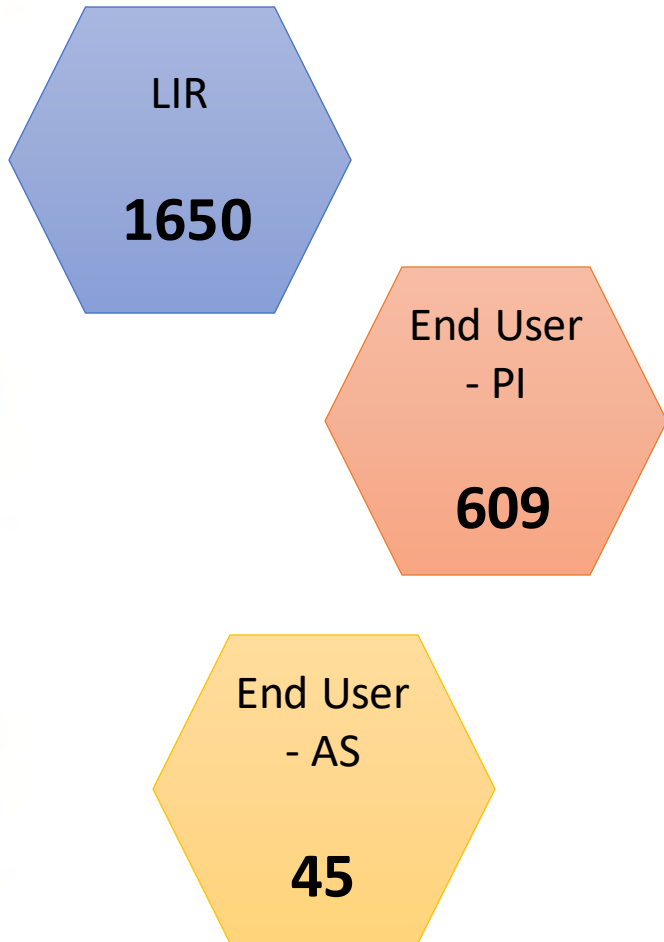




Internet Number Resources in Africa in 2024

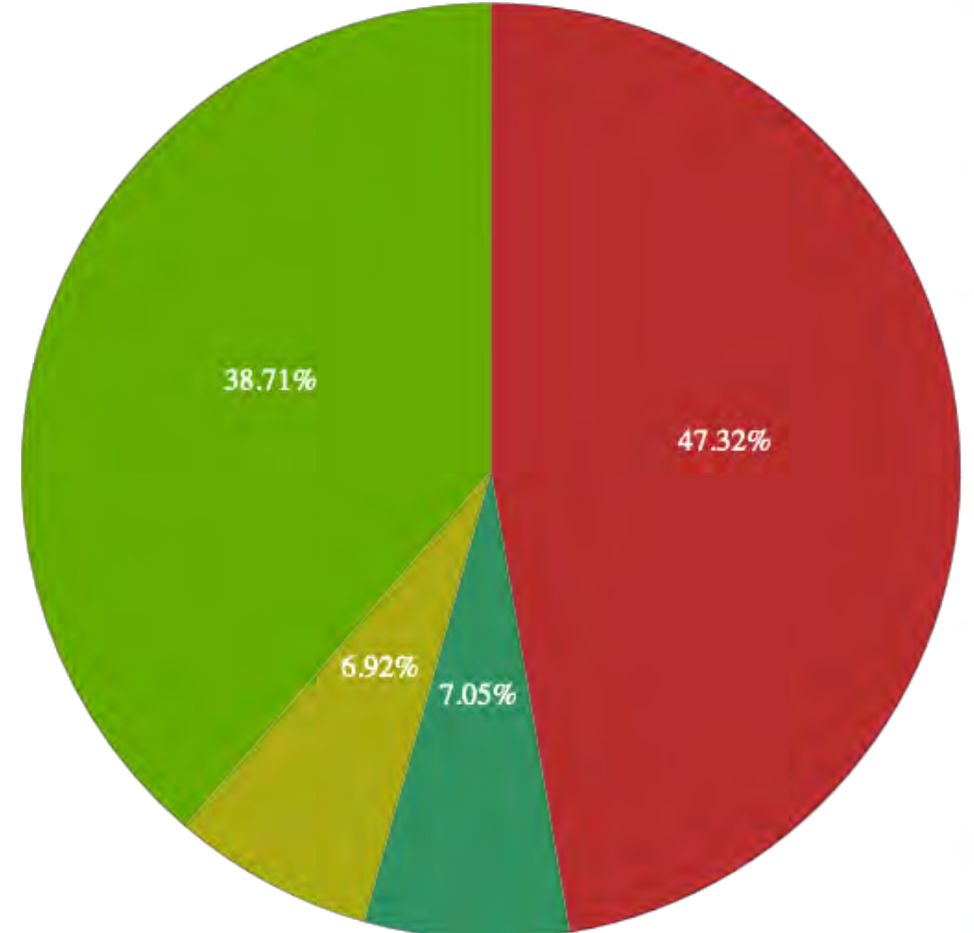
Some statistics

Members in Africa



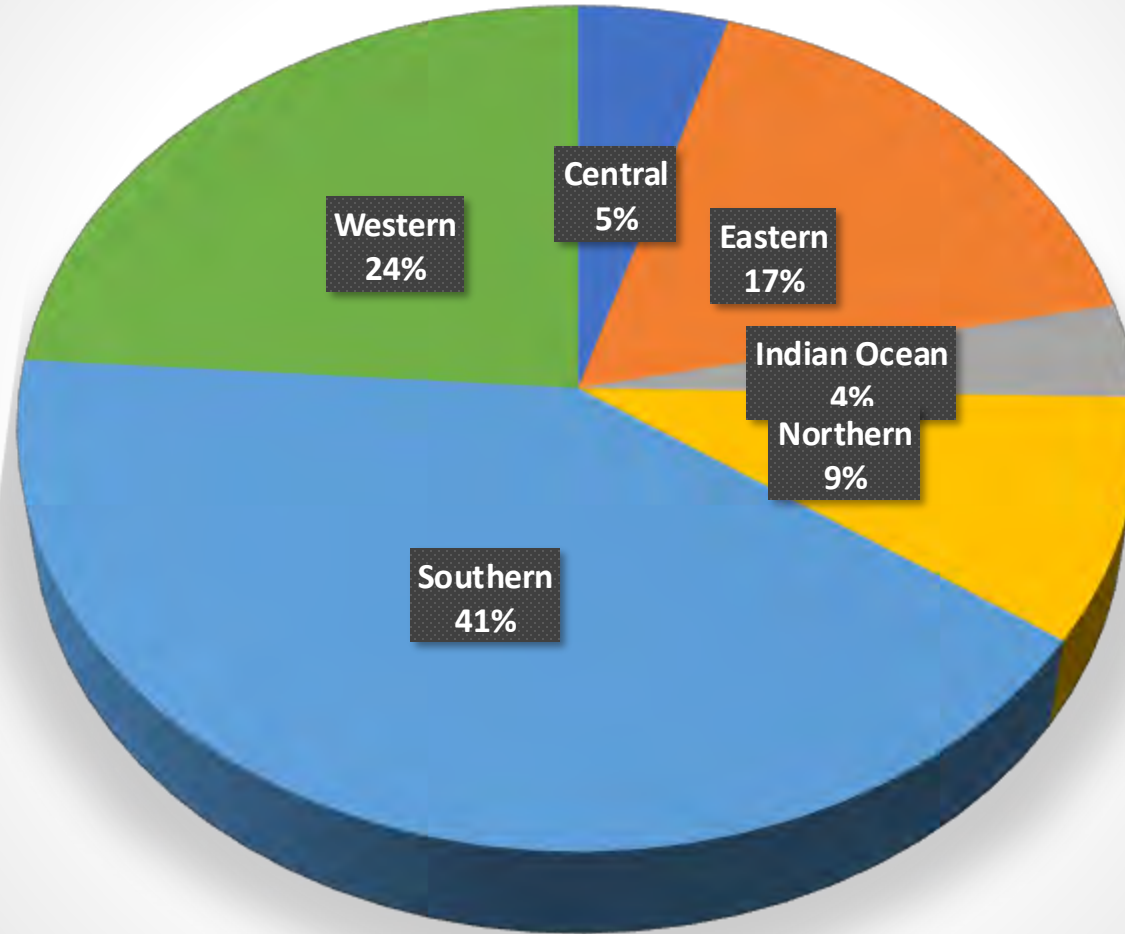
- Internet Service Provider
- Other
- Banking / Financial
- Others

Members by Industry



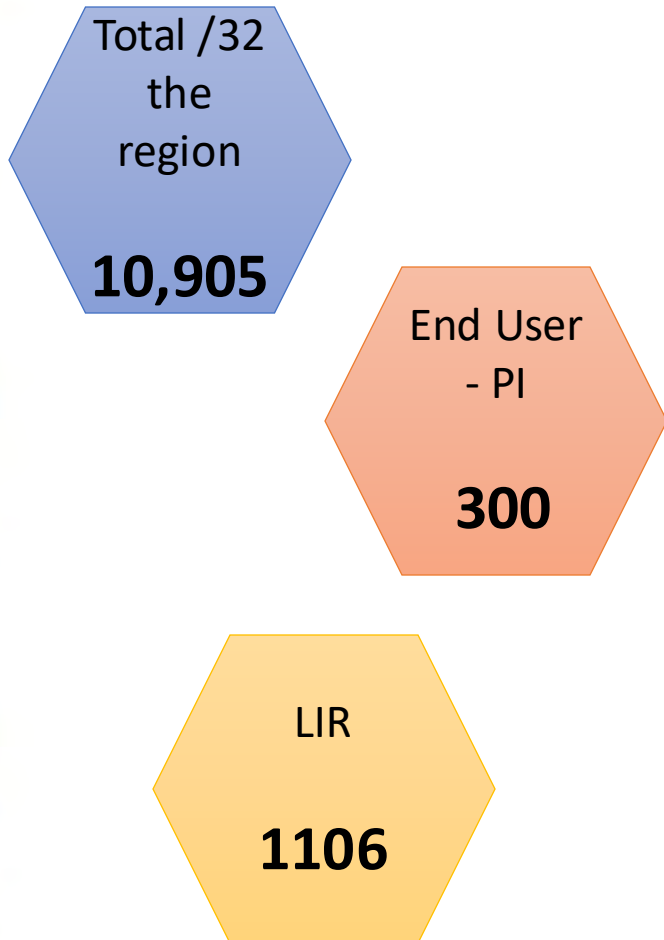
Members in Africa

Members



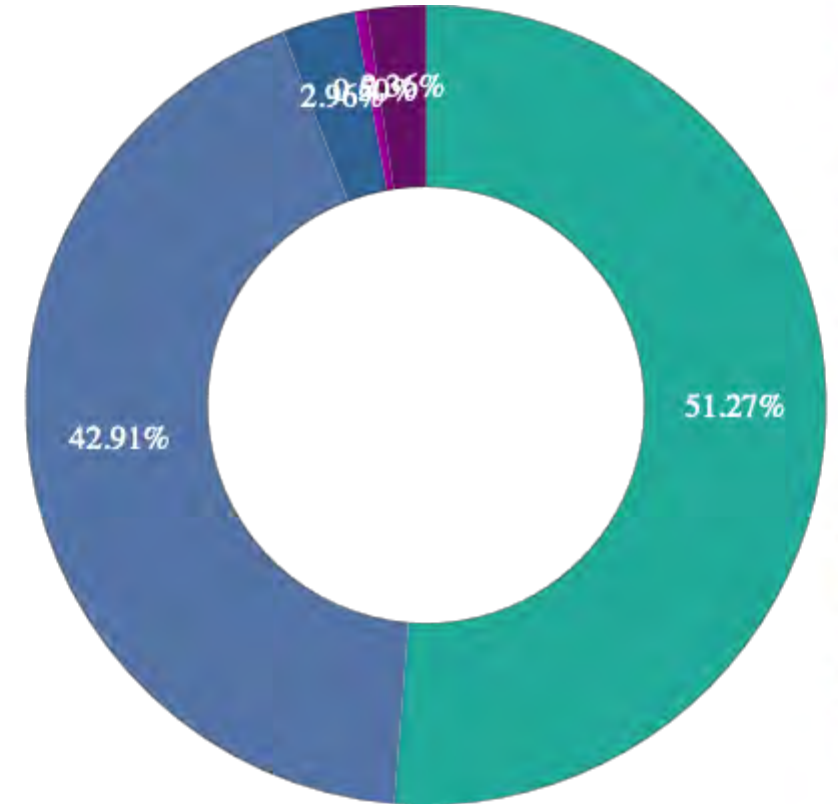
■ Central ■ Eastern ■ Indian Ocean ■ Northern ■ Southern ■ Western

IPv6 in Africa



- Internet Service Provider
- Telecommunications
- Internet Hosting Provider
- Other
- Others

IPv6 /32 allocation by Industry type



IPv6 in Africa

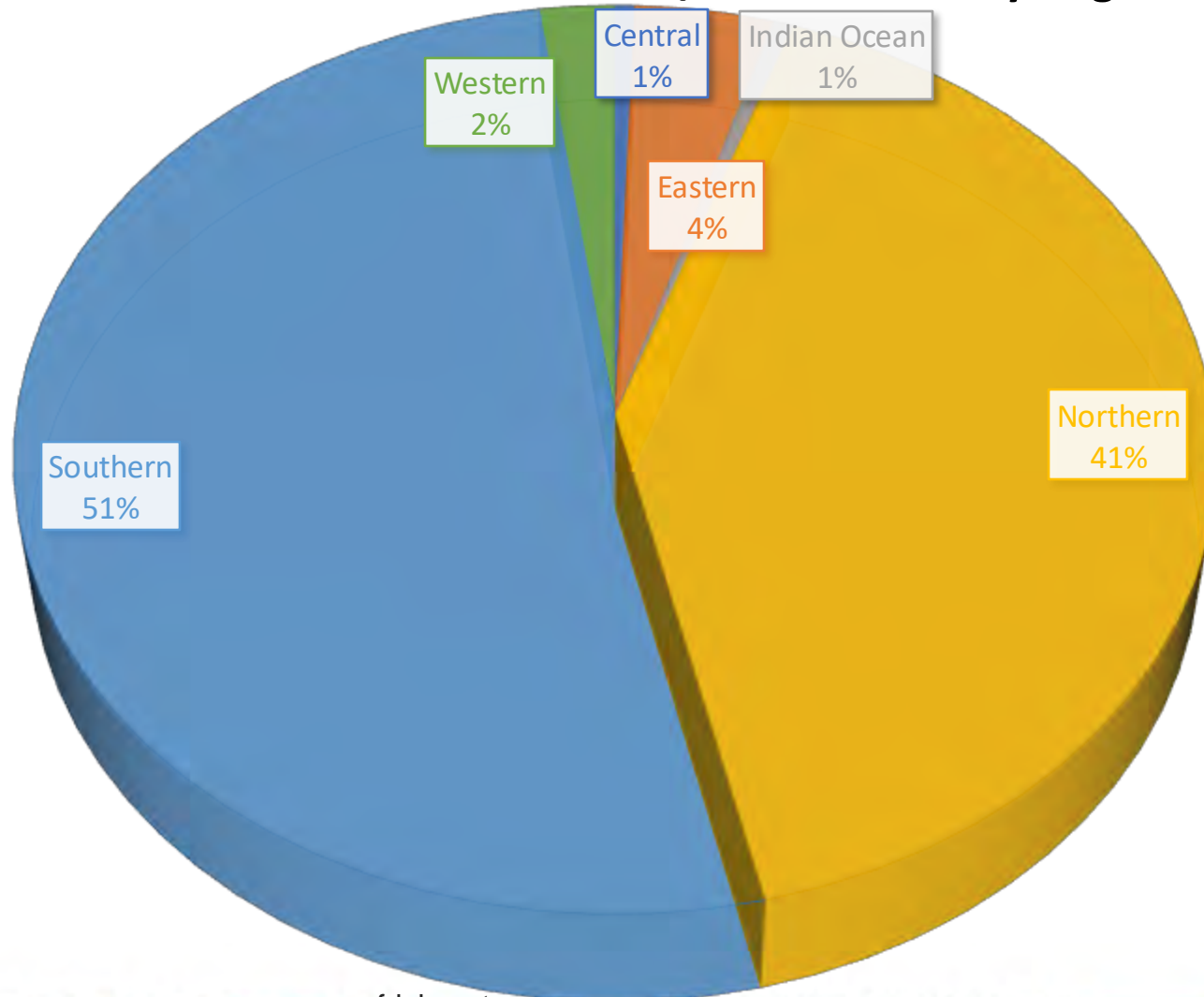
MEMBER

IPv6 /32 allocation by Region

Total /32
the
region
10,905

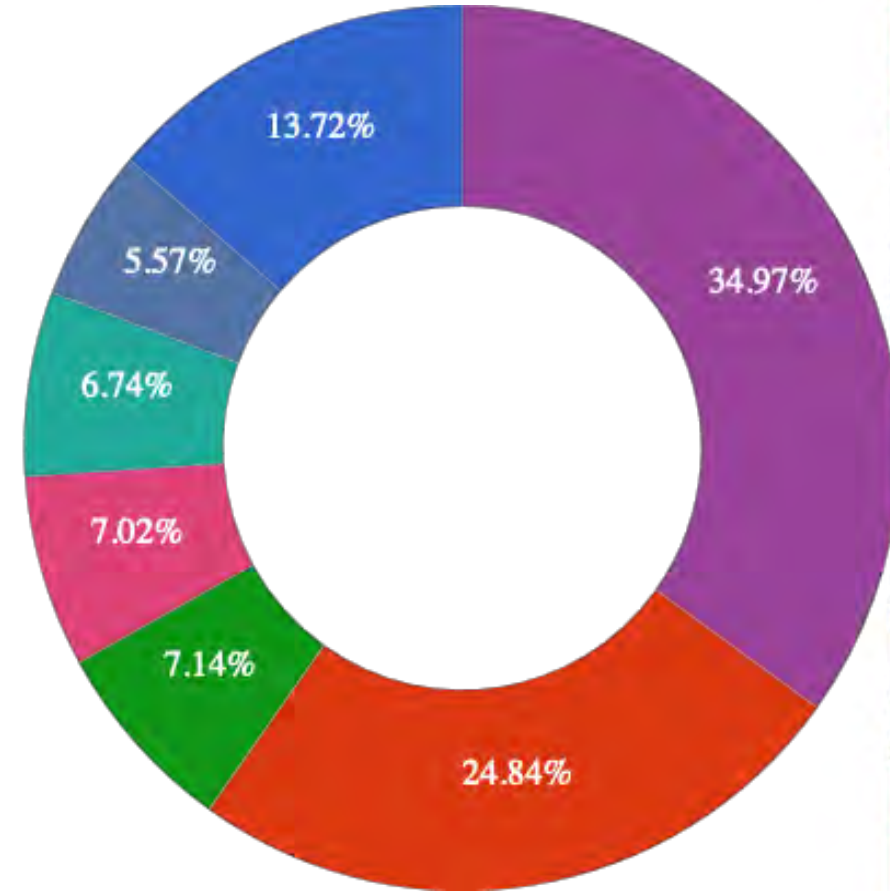
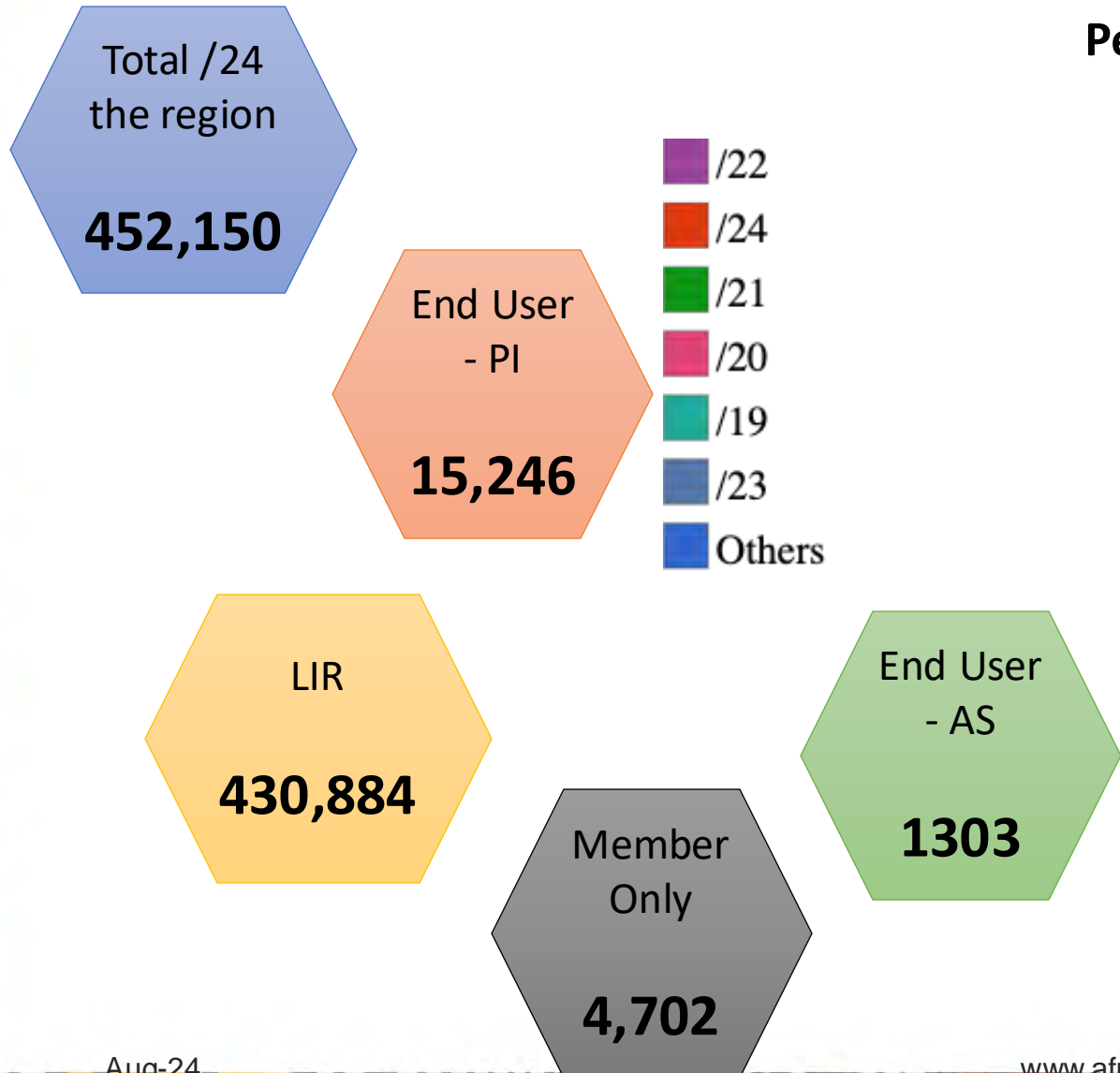
End User
- PI
300

LIR
1106



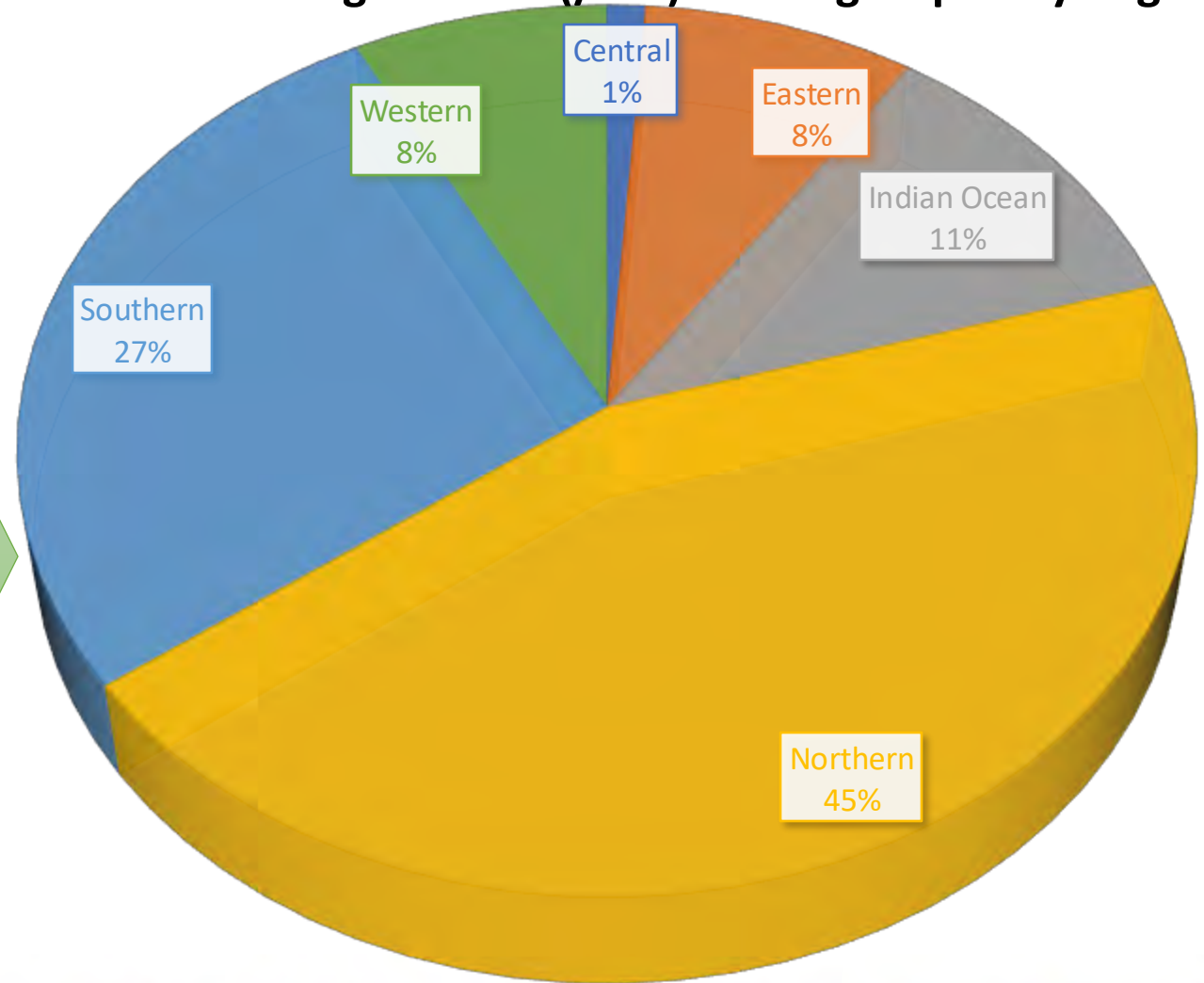
IPv4 in Africa

Percentage of IPv4 issued grouped by prefix length



IPv4 in Africa

MEMBER
Percentage of IPv4 (/24s) issued grouped by Region



Total /24
the region

452,150

End User
- PI

15,246

End User
- AS

1303

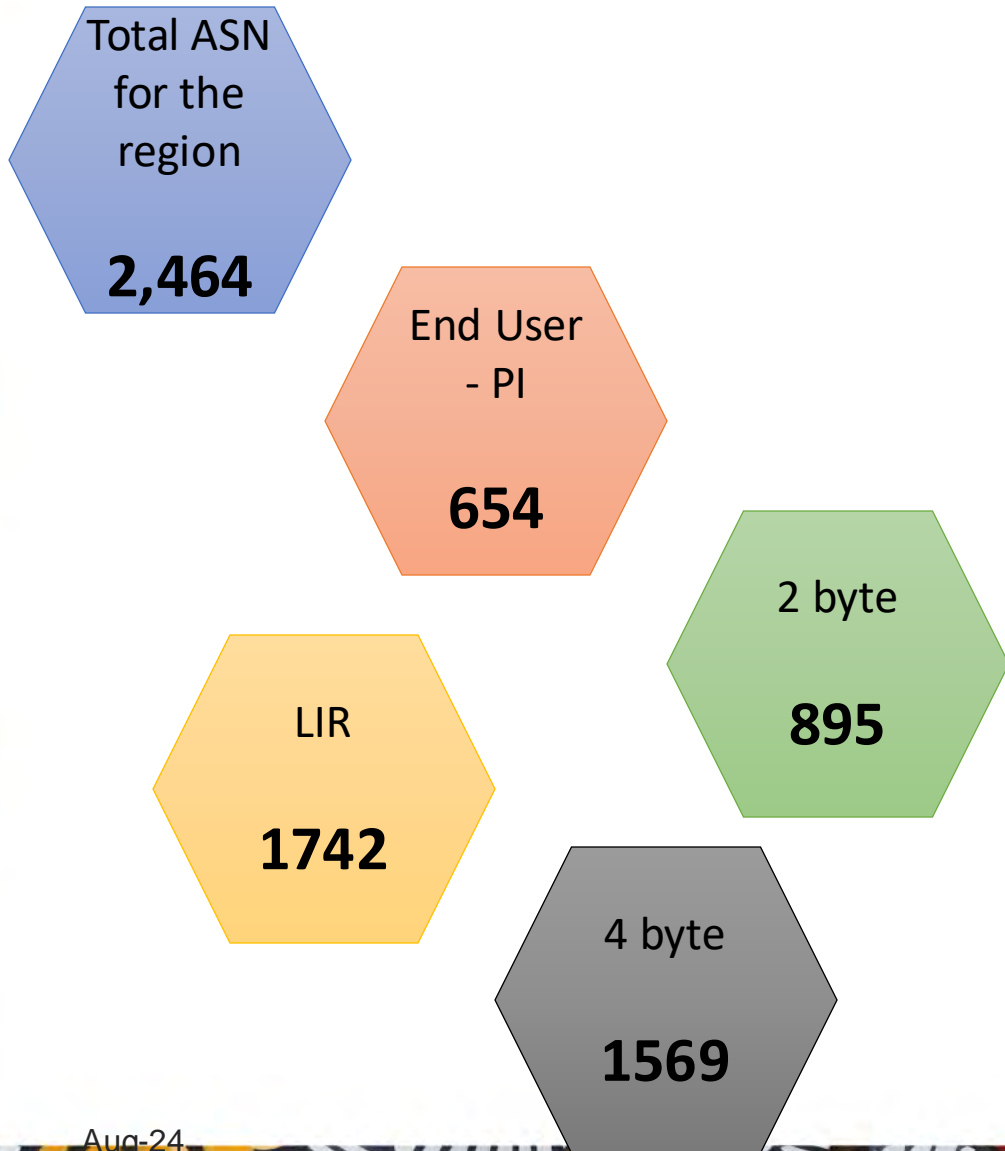
LIR

430,884

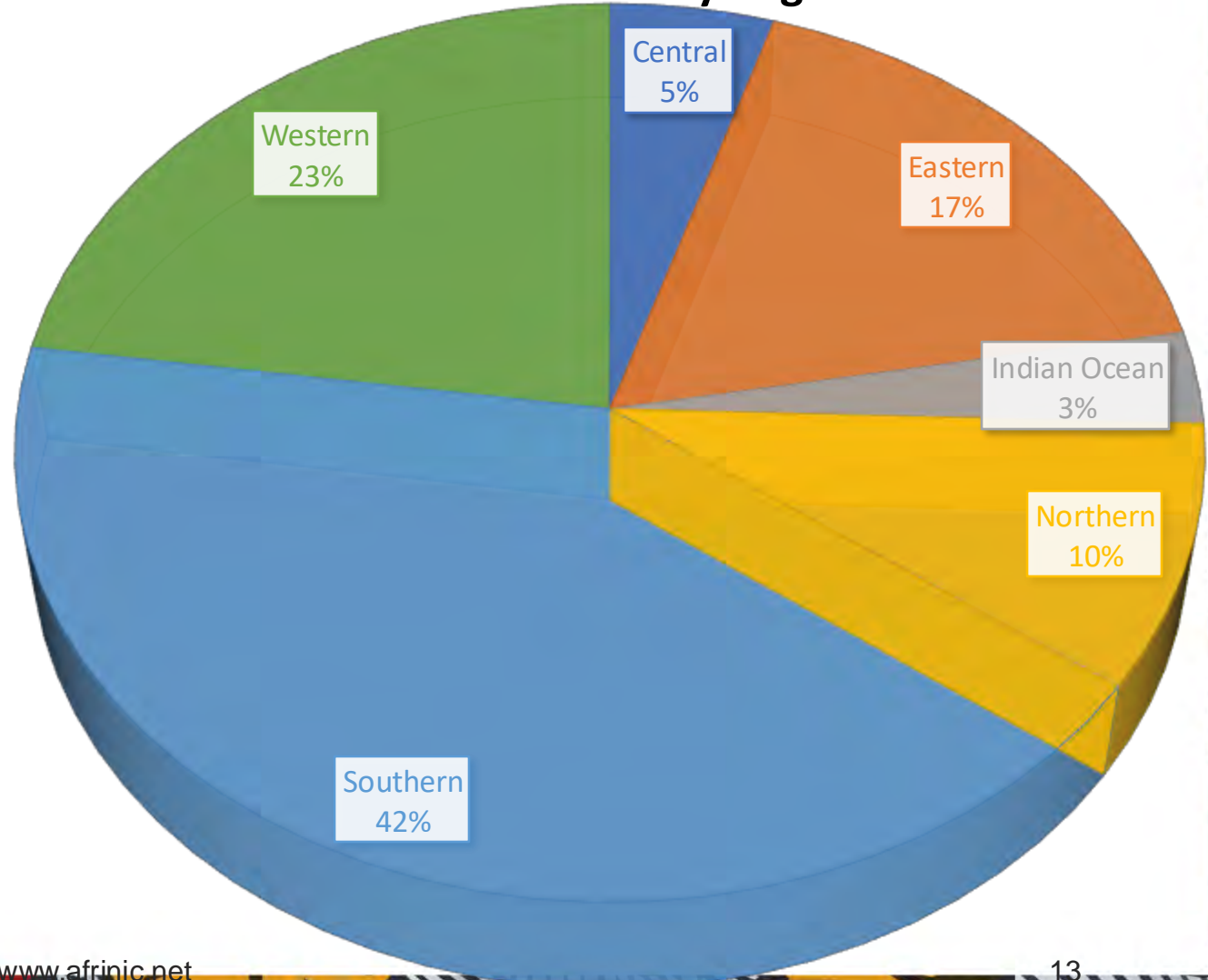
Member
Only

4,702

ASN in Africa



MEMBER
ASN Allocations by Region



Internet Routing Registry

Total
Route(6)
Objects
116,753

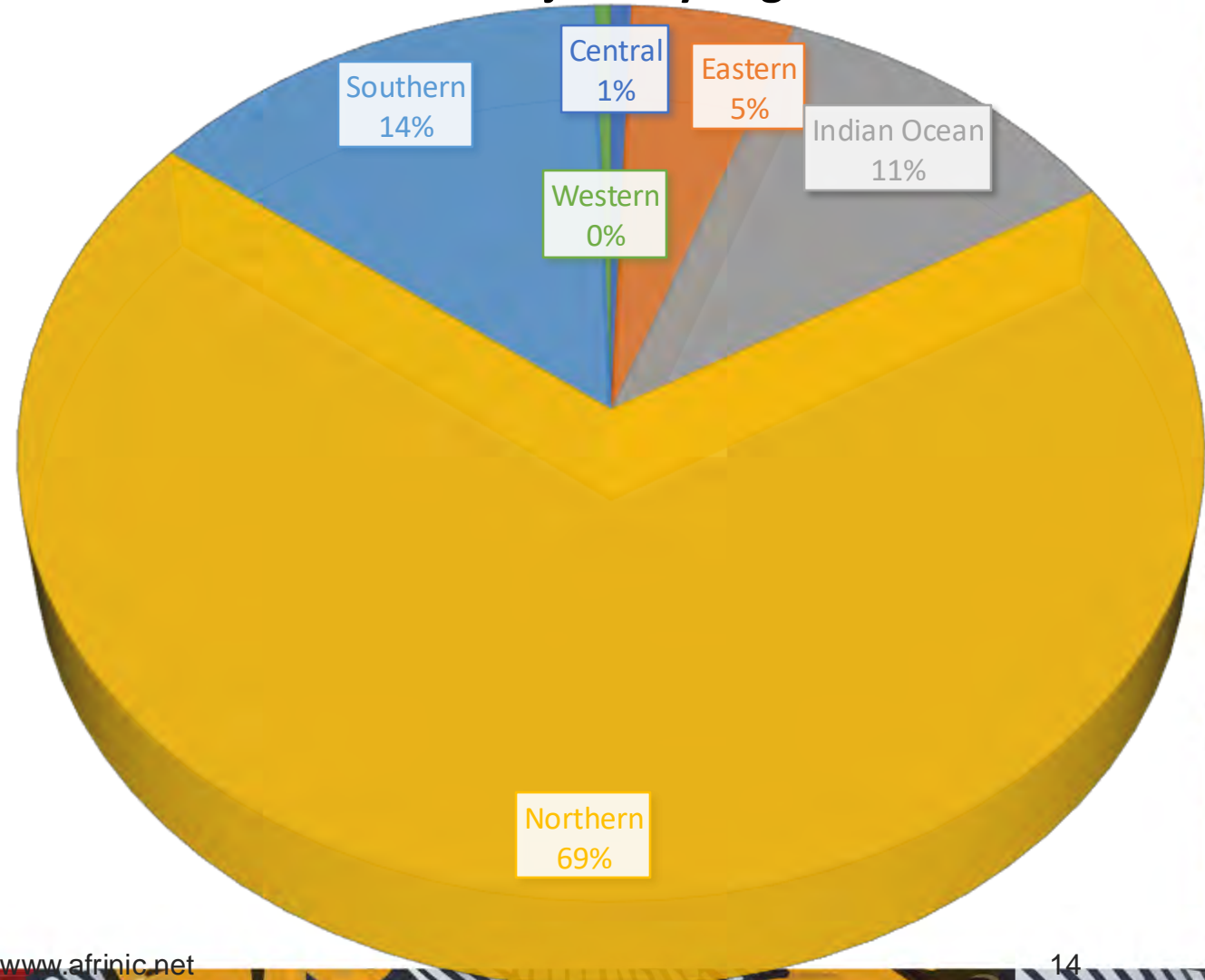
End User
- PI
6108

LIR
110645

Route4
112,437

Route6
4316

MEMBER
Route objects by Region



Why getting your resources?

Digital transformation cannot happen without Internet -> IP addresses are needed

You want to govern/drive your transformation -> get your own Internet Number resources



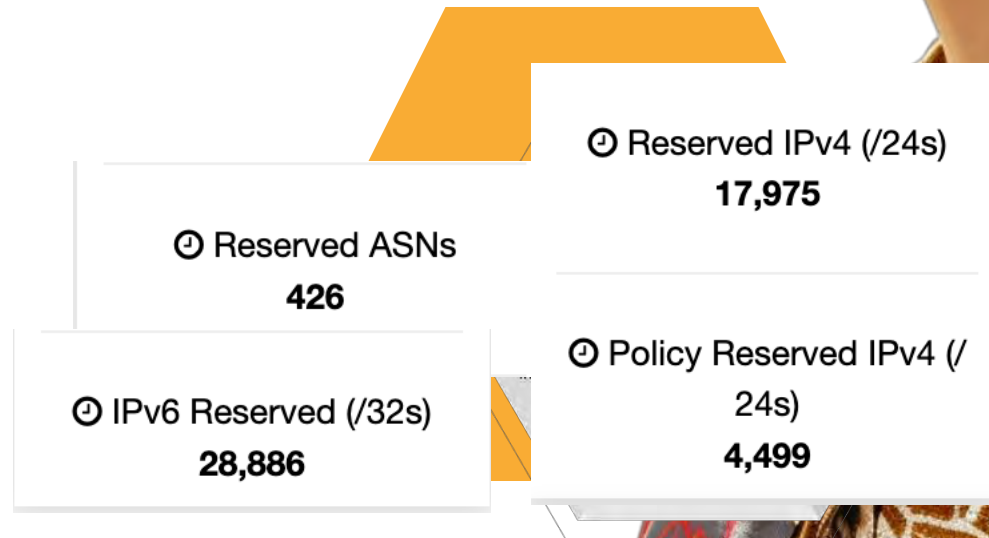
Internet eXchange Point

We support IXPs as Internet Critical Infrastructure (check AFRINIC CPM)

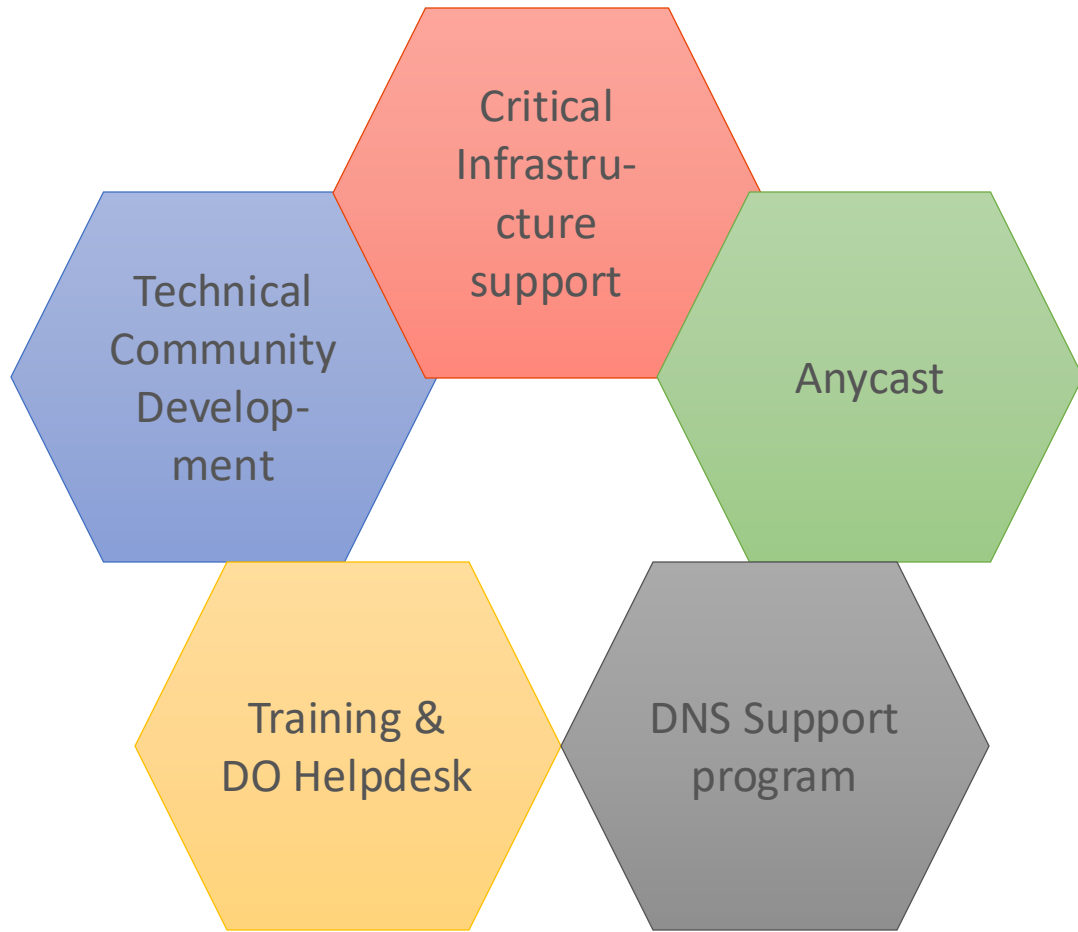
Eligible entities/org gets INR resources free for the purpose of the IXP

Get in touch!

<https://afrinic.net/cpm-1-3?view=article&id=1606&lang=en#Resource-Reservations-IXPa>



We also support IXP through our programs



AFRINIC is still ON

97 number of new member in 2024

578 /24 IPv4 allocated

366 /32 IPv6 allocated

Operation are still ongoing

- WHOIS/RDAP are still running
- Resource allocation still happening
- Training /DO are still delivered
- Engagement are ongoing

Situation is still the same with no quorate Board and no CEO

Awaiting on the outcome of the latest court hearing

For more information: <https://afrinic.net/court-cases>

Aug-24

www.afrinic.net

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Thank you for
your attention
and support!

Matondo!

