



# AFRINIC GLOBAL UPDATE

# AGENDA

Services to Members &  
community

Resource Update

AFRINIC Update

Services to  
Members &  
community

- WHOIS Services
- Routing Security

# SERVICES

- WHOIS & RDAP
- Internet Routing Registry (IRR)
- Resource Public Key Infrastructure (RPKI)
- Reverse DNS & DNSSEC
- Capacity Building - e-learning platform,  
IPv6 Helpdesk & Webinars

# AFRINIC Internet Development Programs?

## 6 Programs

1. Technical Community Development Program
2. Fellowship Program
3. Research and Collaboration Program
4. Diversity in ICT Program
5. African IGF & ICT Initiatives Development Program
6. Critical Infrastructure Development Program

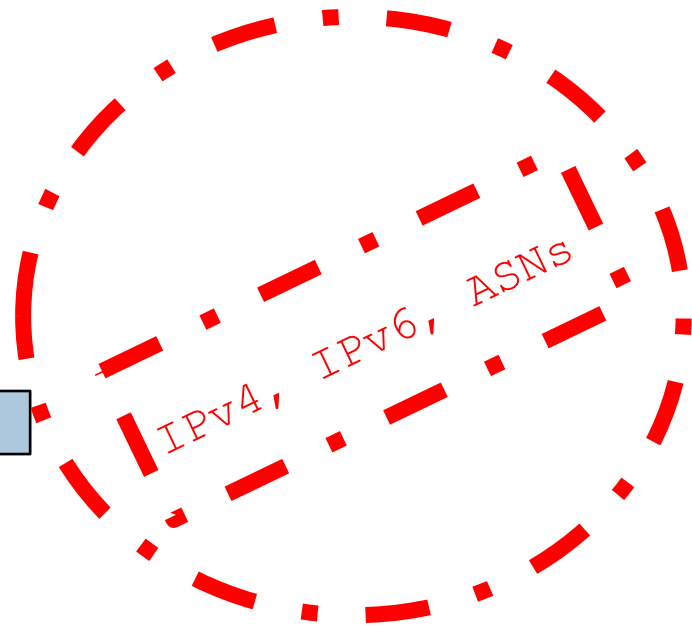
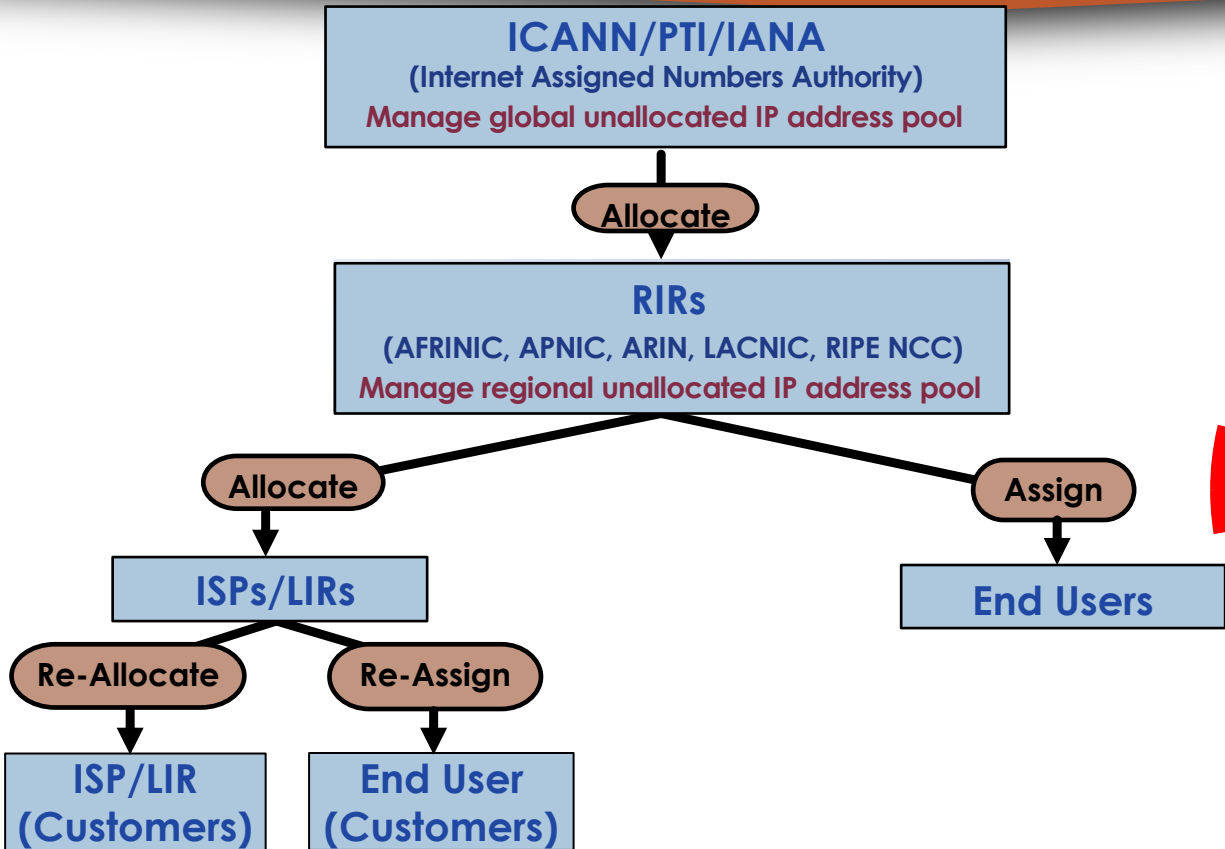




## Resource Update

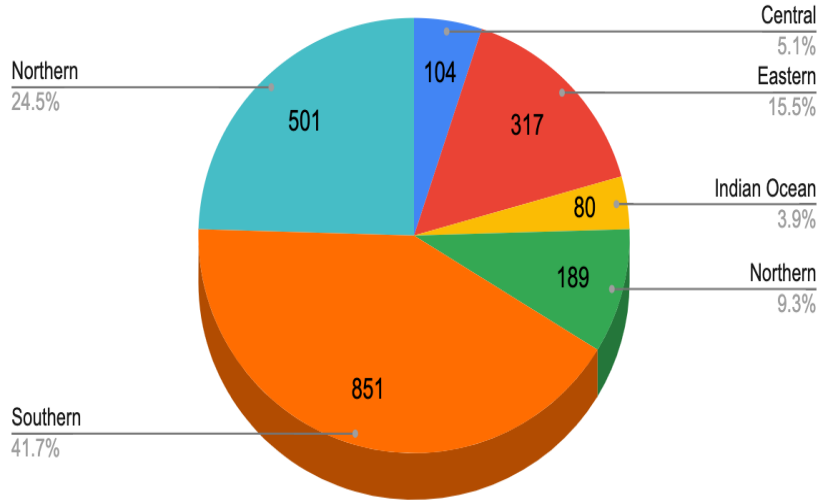
- AFRINIC Membership
- IP numbers Allocated

# How Are IP Addresses Issued?

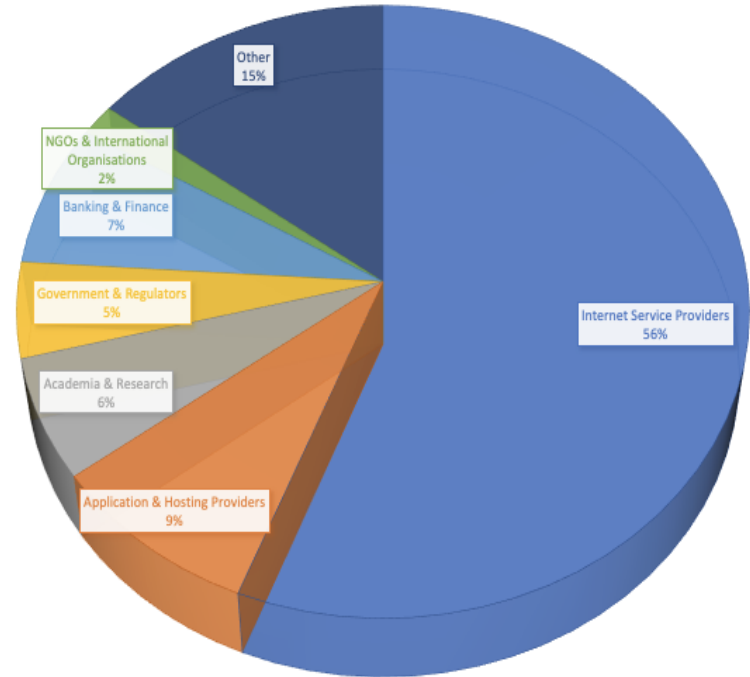


# 2158 Members

## Members by Region



## MEMBERS BY CATEGORY





# How to Become Member

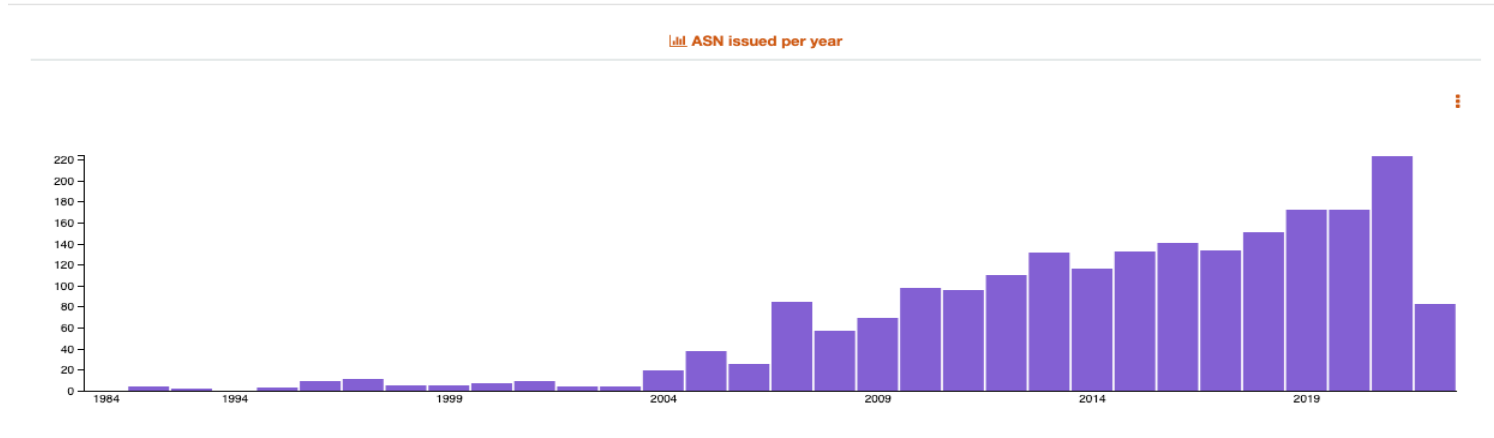
## Becoming a Resource Member

- Eligibility: <https://afrinic.net/become-member#eligibility>
- Understand Policies: <https://afrinic.net/policy>
- Fees: <https://afrinic.net/membership/cost>
- Initiate Membership Requests: <https://nmp.afrinic.net/>

# ASN Resources

## ASN Assignments over Time

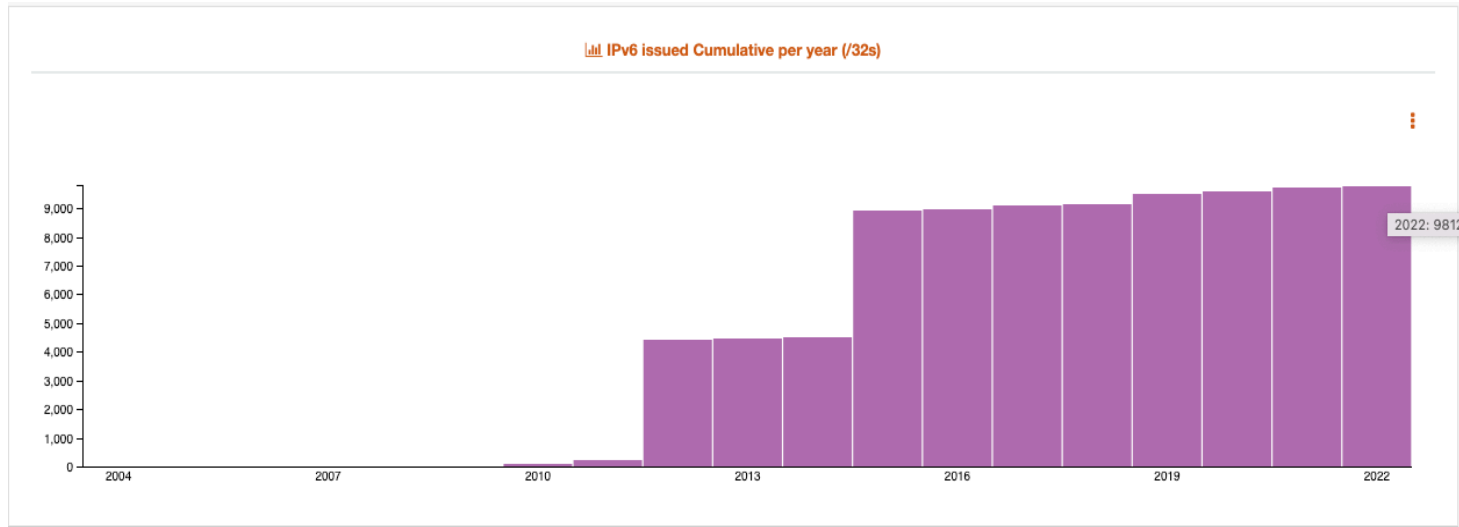
Total ASN issued to date: 2,335



# IPv6 Number Resources

## IPv6 Allocations over time

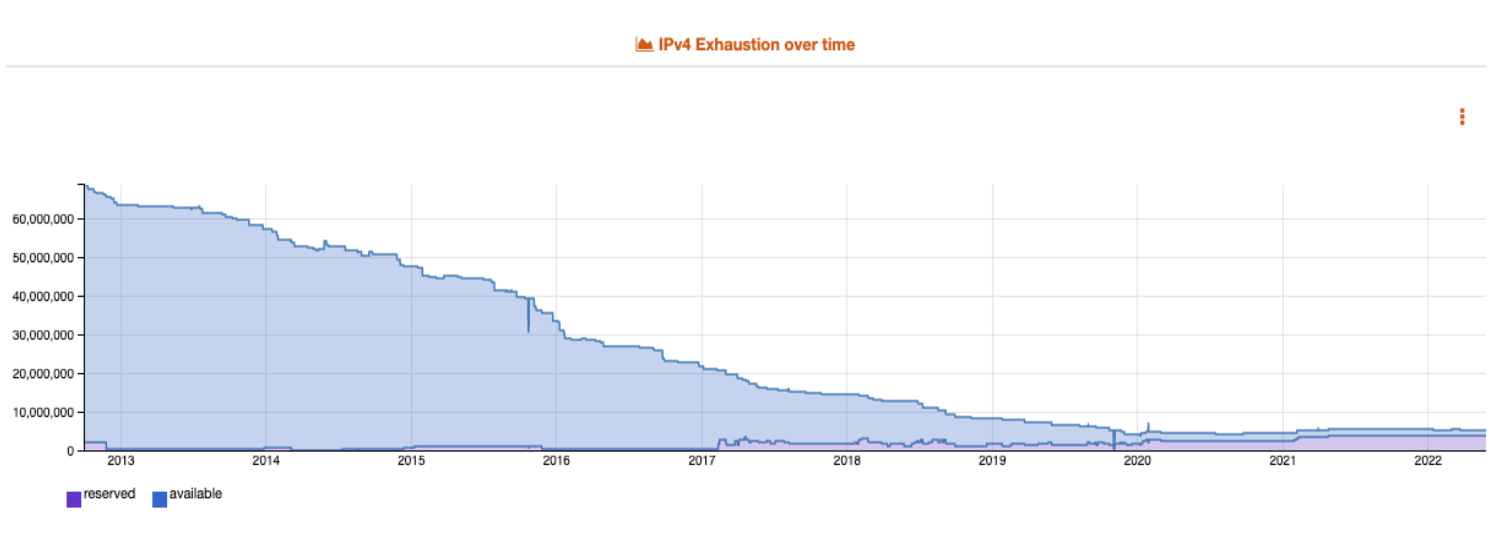
Total IPv6 issued to date: 10 221 /32s



# IPv4 Number Resources

## IPv4 Depletion Over Time

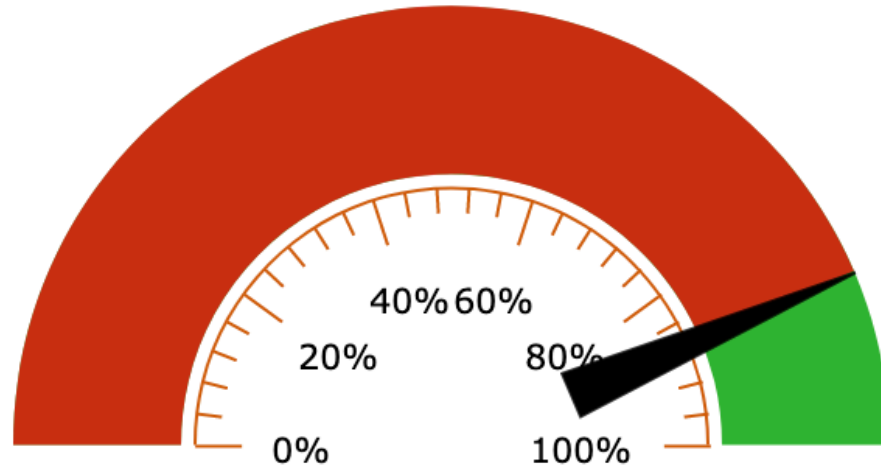
Total IPv4 issued to date: 452,289 /24s



# IPv4 @23 July 2023

**1,296,128**

available /32 left to hit total exhaustion.



**87.03872 %**

# Implications for RIRs including AFRINIC #1



More fraudulent requests to transfer IPv4 addresses:

- IPv4 addresses have increasing market value as supply depletes



Hijacking of IPv4 addresses & ASNs:

- *Fraudulent WHOIS changes; Target dormant/out of date records*
- *Submit falsified documents (e.g. passports)*
- *Set up shell companies*



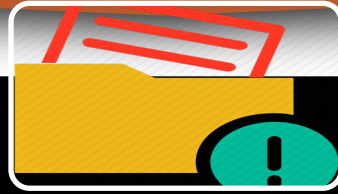
Route Hijacking:

- *Unauthorized use of abandoned/un-routed IPv4 addresses*

# Implications for RIRs including AFRINIC #2



Leasing/buying/selling of IPv4 address space (outside of registry system)



People not validating their contact information in Whois



Carrier Grade NAT  
*Difficult to identify individual subscribers*



## AFRINIC Update

- Court cases
- Current status

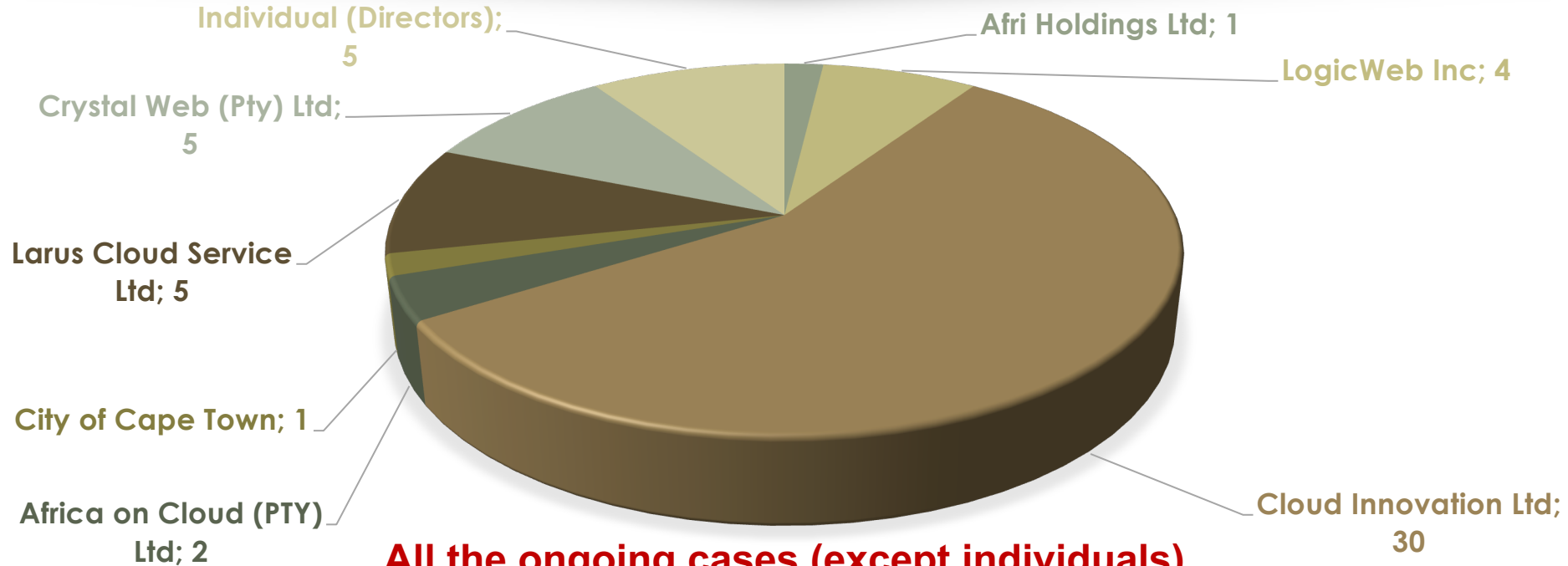


# 55 Court Cases Outline: Why are different organisations suing AFRINIC ?

- Reclamation of misappropriated IP resources
  - Breach of Registration Service Agreement
  - Resource transfer policy
  - Defamation
  - Contempt of court
  - Injunctions
  - Prayers
-

53 court cases have been filed against AFRINIC

2 court cases initiated by AFRINIC against Cloud Innovation



**All the ongoing cases (except individuals)  
are resisted**

<https://afrinic.net/court-cases>

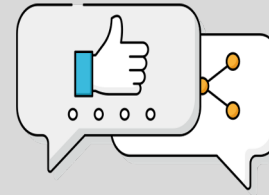
# AFRINIC current status

- No quorate board of director
  - No CEO
  - No approved budget 2023
  - ...but...
  - Internet Number resources are still distributed
  - Critical services are still available to the Internet community
  - Some initiatives are still carried out
-

# What can you do to help?



**Rely on trusted  
sources  
of information**



**Engage your  
peers with  
accurate facts**

THANK  
YOU!



Questions?



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