



**AfriNIC**

The Internet Numbers Registry for Africa

# **AfriNIC Update – Ripe-55**

**Frank Nnebe**

**Software & Engineering, AfriNIC**

# Agenda

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## Membership & Resources

IPv6 Campaign & Membership Fees

MyAfrinIC

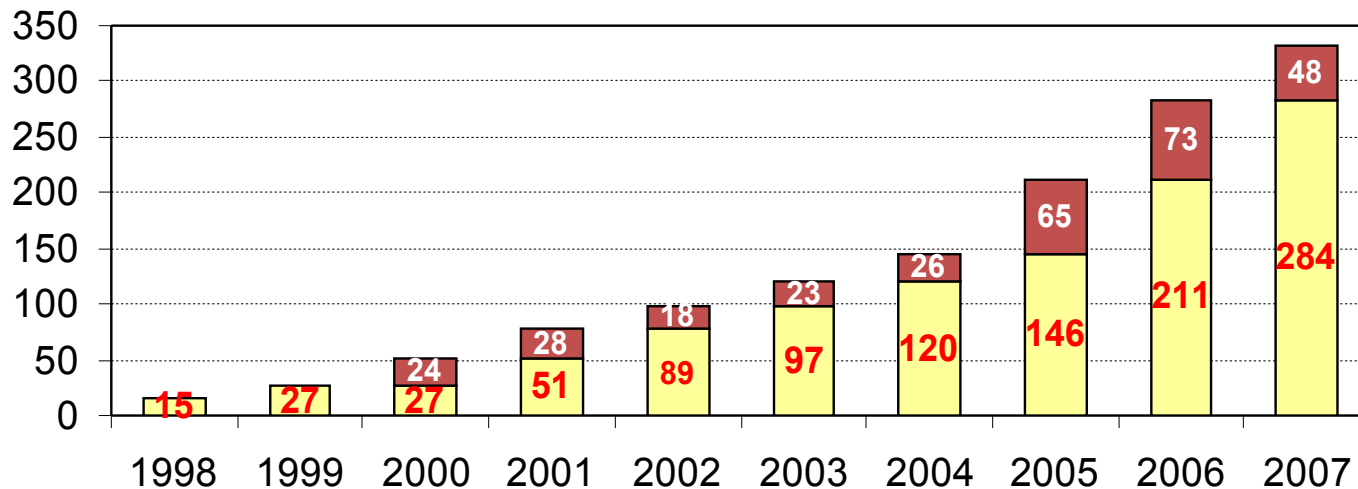
Policies Implemented & Under Discussion

Public Policy Meetings

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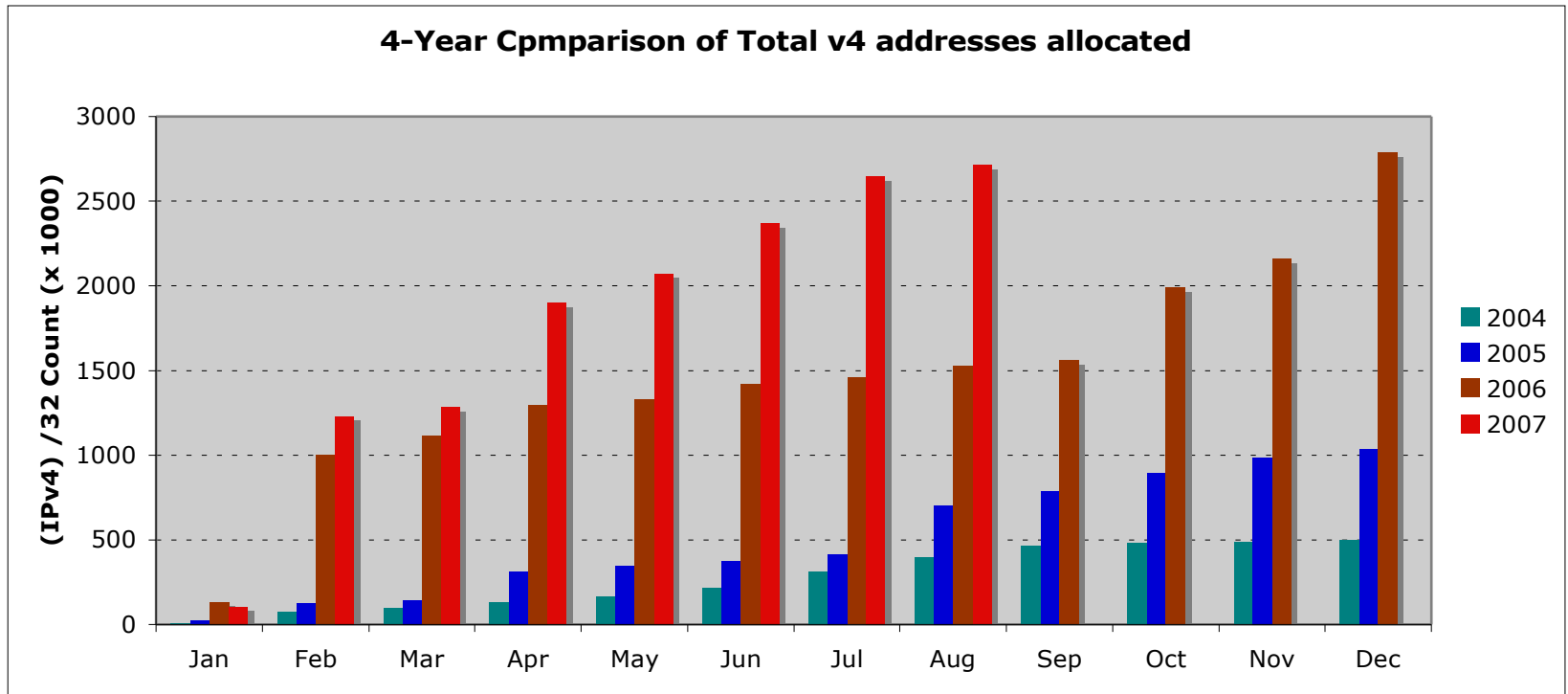
# Membership Growth

## Total Membership growth



- AfriNIC first Public Policy Meeting in 2004
- AfriNIC completes transition in 2005

# Impact on Resource Allocation



- A steady growth in resources allocated has resulted.

# Agenda

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# IPv6 Campaign

- Afrinic Board Resolution
  - "Noting the imminent exhaustion of the available pool of IPv4 address space, the Afrinic Board resolves that efforts to draw the Public's attention to the problem and potential solutions such as IPv6 should be intensified, and instructs the staff to take appropriate actions in this regard"
- Reviewed IPv6 Fee Schedule
- Press Conference during Infotech – Regional ICT Conference in Mauritius on 9<sup>th</sup> August 2007.
  - <http://www.afrinic.net/news/press/ipv4pressconf.pdf>
- Sent an informative letter to all Members on IPv4 Exhaustion & on importance to act on IPv6 implementation.
- Launch an IPv6 Information Web Page
  - <http://www.afrinic.net/IPv6>
- More IPv6 Training in 2008 & 2009 to cover all countries

# Training

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- We have carried out LIR & IPv6 training in the following locations this year:
    - Abuja, Nigeria
    - Dar Es Salaam, Tanzania
    - Abidjan, Ivory Coast
    - Luanda, Angola
    - Durban, South Africa
  - We have planned the following for end 2007
    - Algiers, Algeria
    - Tunisia
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# Two Changes in 2007 Fee Schedule

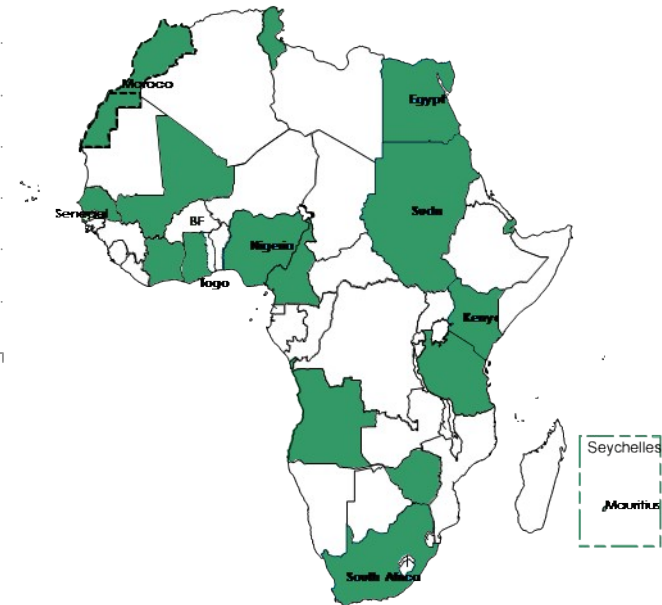
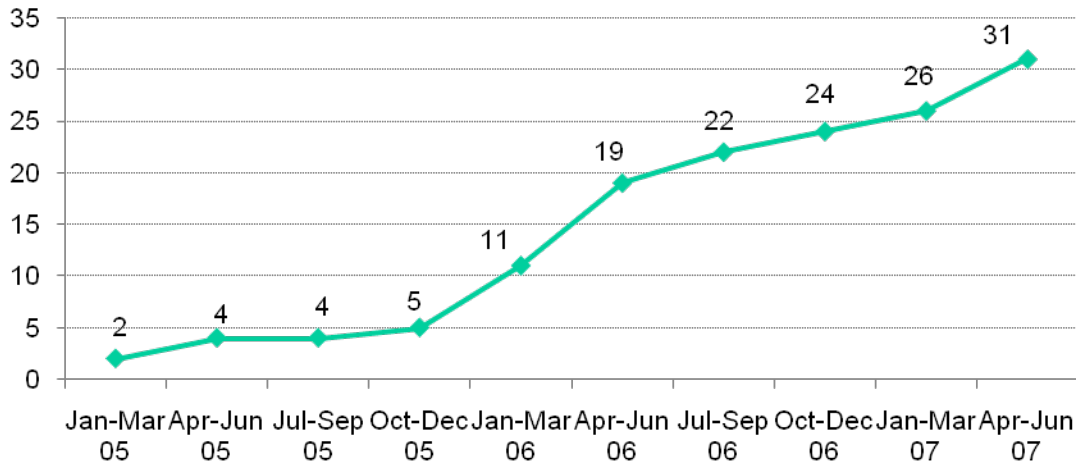
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- IPv6 Fees
    - For already established LIRs (with IPv4 allocation(s)):
      - Not to count the IPv6 prefix allocation in calculating the category of already established LIRs.
    - For New LIRs:
      - Allow 50% discount on the initial setup fee and 100% discount on the first year's membership fee for a LIR with IPv6 only allocation.
      - Allow respectively 75%, 50%, 25% discount on the membership fee for the three the subsequent years.
  - Research and Education Networks
    - 50% discount on sign-up and membership fees
      - Need to be a not-for-profit Education network
      - Need to plan IPv6
  - Working on new Fee schedule for LIR in 2008
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# IPv6 allocation status

## IPv6 Allocation Growth (x /32)



- Since last year, we have been focusing our training activities on IPv6 awareness among the community

This has led to more interest in IPv6

*Countries have an IPv6 prefix allocation.*

# Agenda

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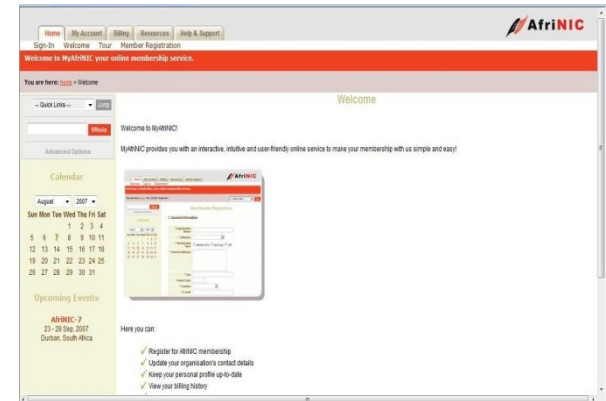
Policies Implemented & Under Discussion

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# MyAfriNIC Member Portal

- MyAfriNIC: a portal to allow LIRs to easily interact with AfriNIC and manage their resources.
  - Manage Internet Number Resources
  - Manage Contacts
  - Manage Payments
  - Manage Reverse Delegations
  - Register as New Member
- Trial and final testing has been completed
- MyAfriNIC has been launched during AfriNIC-7 meeting
- 48 people (46 organisations) issued with login credentials
- 18 people being issued very soon



# Agenda

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Membership & Resources

IPv6 Campaign & Membership Fees

MyAfriNIC

**Policies Implemented & Under Discussions**

Public Policy Meetings

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# Policies Implemented Recently

Policy	Status
IPv6 Provider Independent (PI) Assignment for End-Sites	Implemented
Change the allocation and assignment period to 12 months	Implemented
Change the IPv6 HD ratio from 0.8 to 0.94	Implemented

# Policies Under Discussion

Policy	Status
Policy Development Process	Consensus
Global ASN policy (IANA → RIR)	Consensus
IPv6 Address Allocation and Assignment Policy	Discussion
Global Policy for the Allocation of the Remaining IPv4 Address Space	Consensus *
IPv6 ULA-Central	Discussion
End Policy for IANA IPv4 allocations to RIRs	Discussion

\* The value of N needs to be defined

# Agenda

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MyAfriNIC

Policies Implemented & Under Discussions

Update from AfriNIC-7

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# Afrinic-7 Meeting Update

- 150 attendees
  - Top countries: *ZA, NG, GH, KE, MU, SN,*
  - 22% ISP, 14% Telcos, 11% Govts
- We tried a few new things
  - Policy Maker Day
  - 3-day IPv6 training instead of 2 days
- Policies
  - 5 Policies presented
    - Three reached consensus
    - One presented only for discussions
    - One did not reach consensus



# AfrinIC-7 Meeting Update

- Outcome
  - Policy Development Process reached consensus.
  - Policy Maker Day
    - Create more awareness of the Internet Governance Players
  - Discussions in view of IGF in Rio
    - Priorities have been set with regards to the themes
  - Setting up of the anti-spam Working Group
  - IPv6 Conference for more awareness

# Next Public Policy Meeting

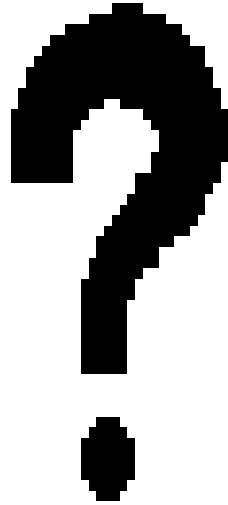
**Afrinic-8**

**Rabat, Morocco**

**31 May – 6 June 2008**

**- Back to back with IPv6 conference,  
IPv6 hands on training, AfNOG, INET  
Africa meetings**





*Thank You*

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