



AFRINIC Activities

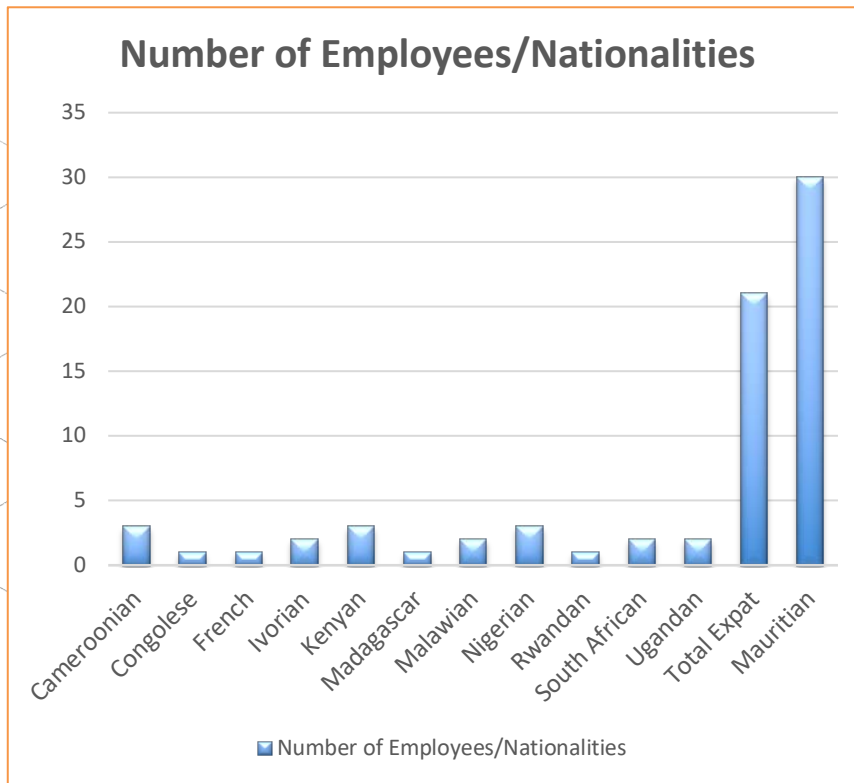
AGMM CEO Update

Alan Barrett, CEO

10th May 2018

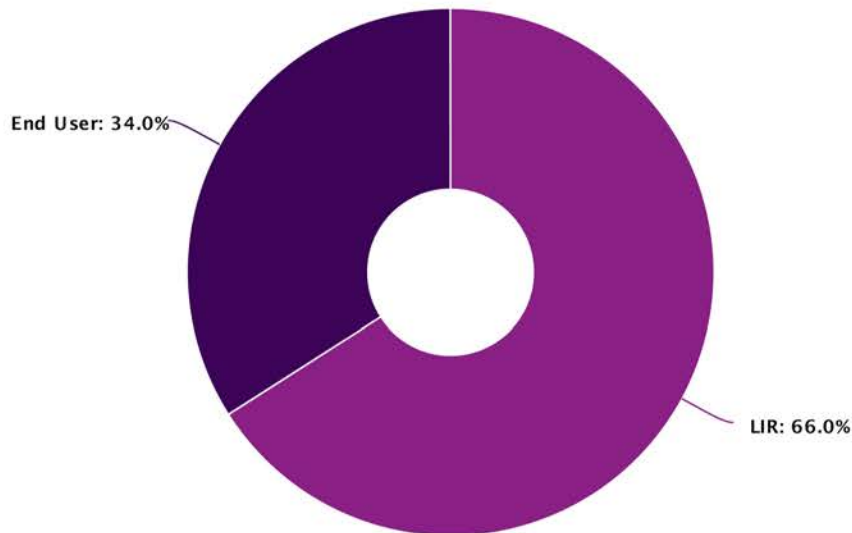
Human Resources

- **51** staff from **12** countries at the end of 2017
- **6** new hires in 2017; **1** departure



Membership Growth

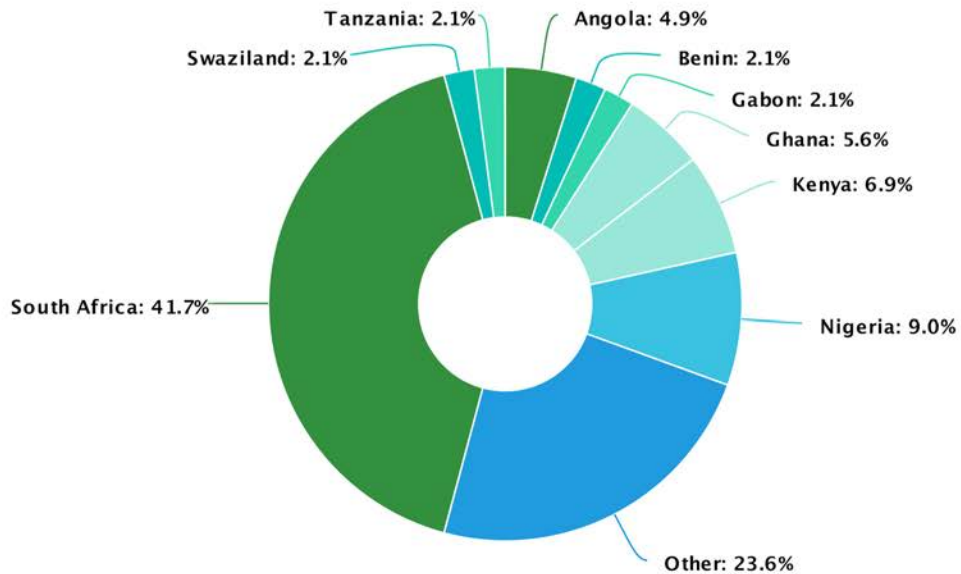
New Members per Category, 2017



144 New Members in 2017, **1,554** Total Members at end of 2017

Membership Growth

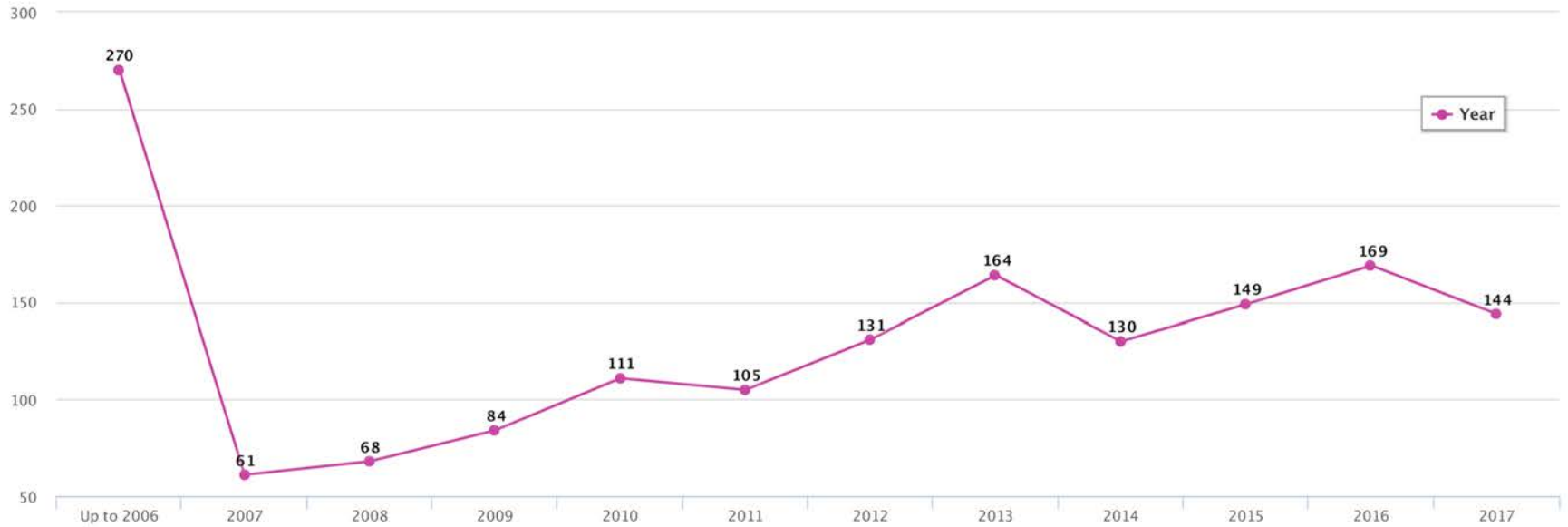
New Members per Country, 2017



Source: AFRINIC

Membership Growth

Membership Trends 2006-2017

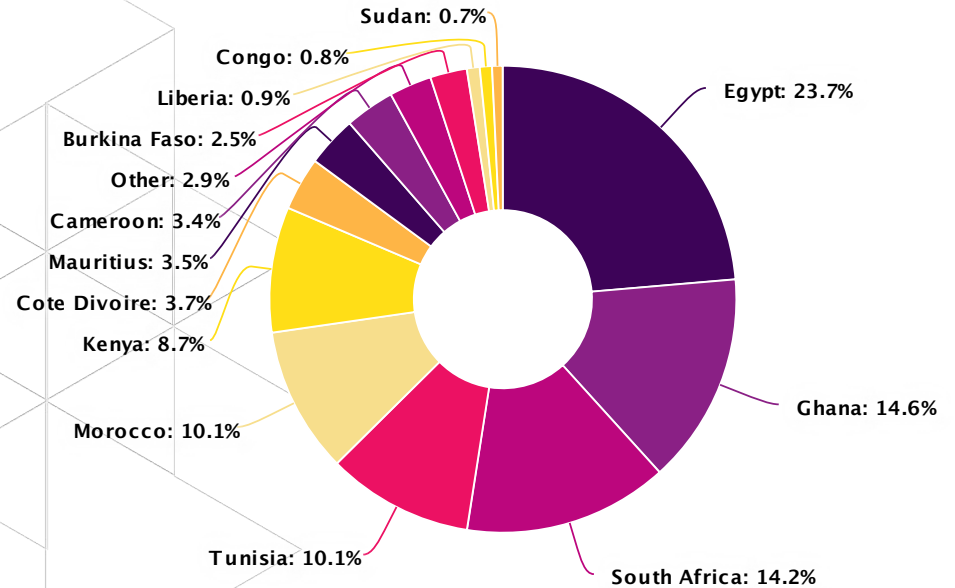


Source: AFRINIC

IPv4 Allocations

- **7,492,608** IPv4 addresses (0.45 /8s) allocated in 2017
- **101,258,752** IPv4 addresses (6.08 /8s) allocated from 2004 to 2017

IPv4 allocations per country in 2017



IPv4 Exhaustion

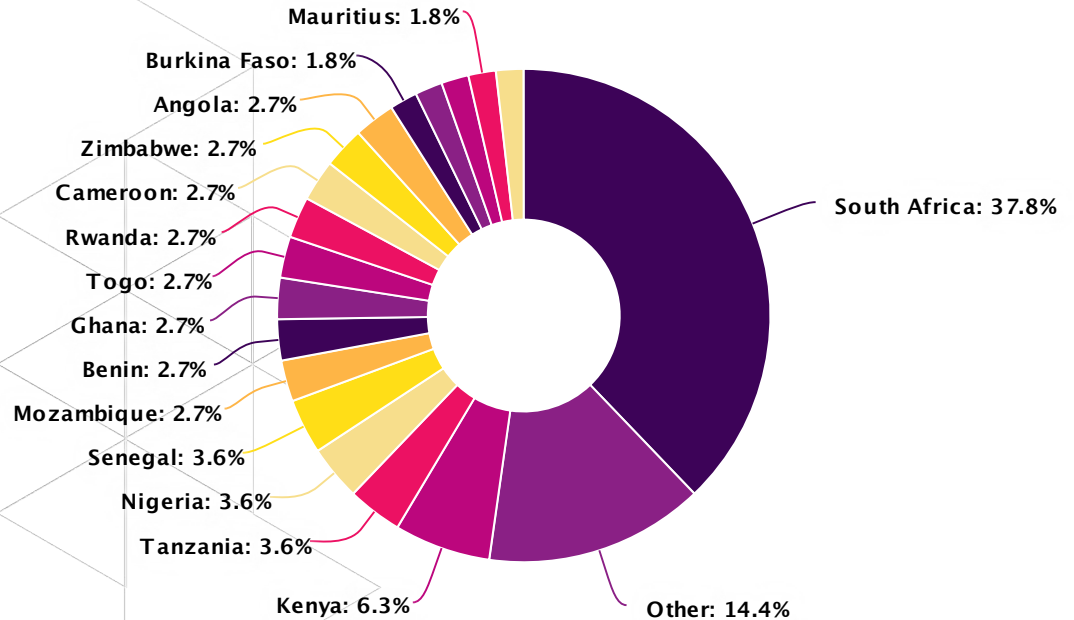
- The “**final /8**” was reached on 3 April 2017
- Currently in “**Exhaustion Phase 1**” as defined in the soft landing policy
- **Maximum allocation** per request is **one /13** (0.5 million addresses)



IPv6 Allocations

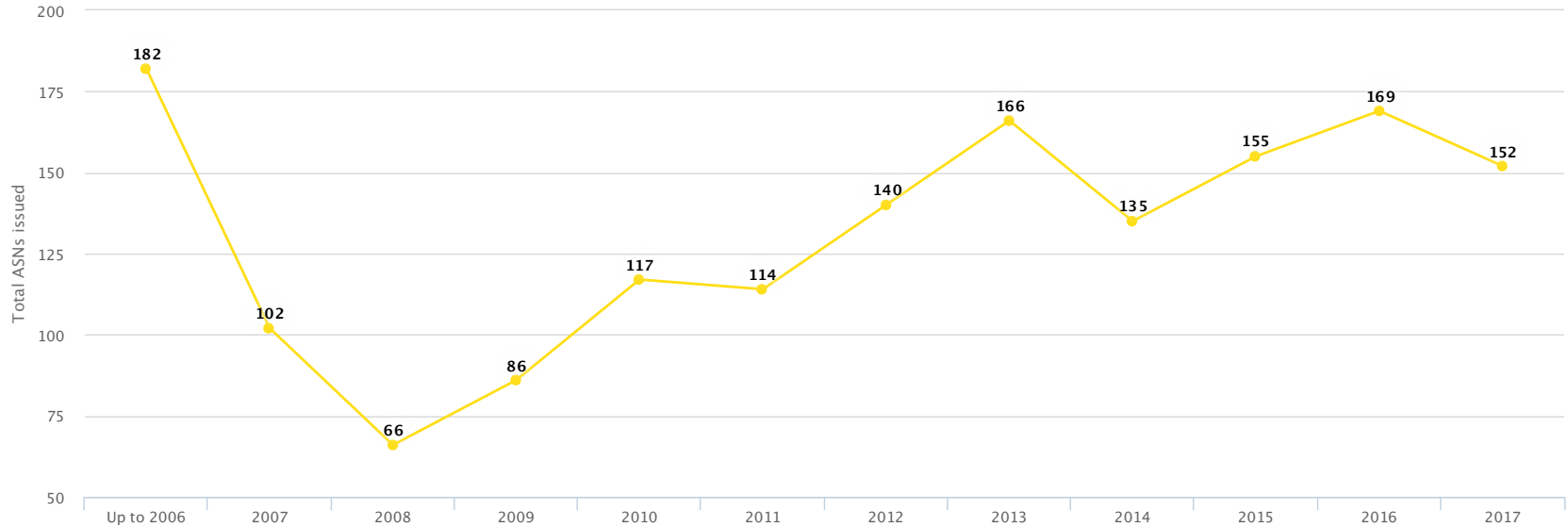
- **111 IPv6 allocations in 2017, totaling 113 /32s**

IPv6 allocations per country in 2017



ASN Assignment

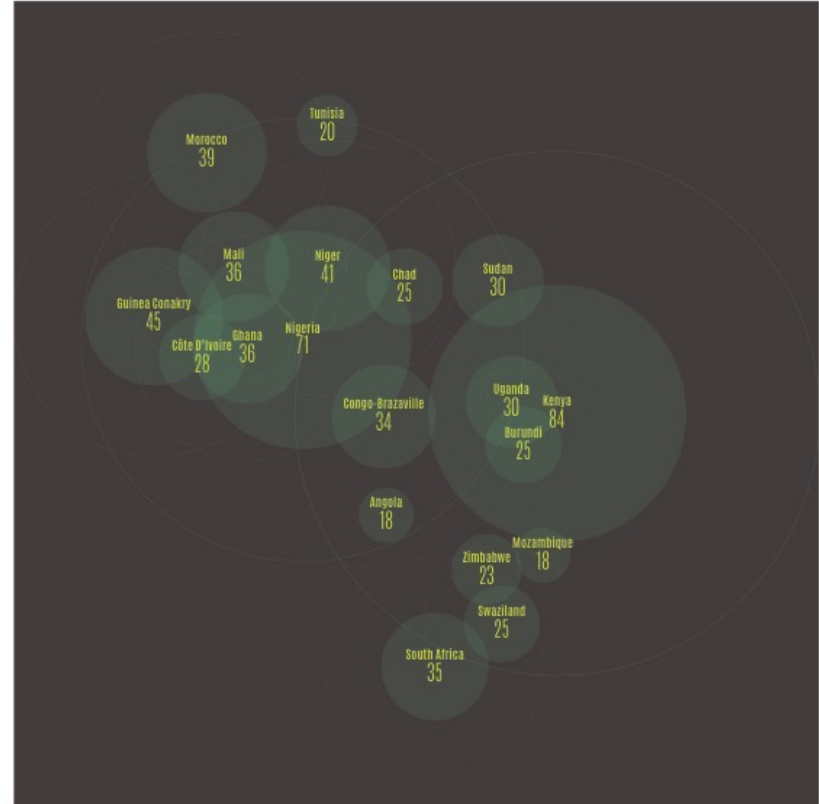
Total ASNs assigned per year



150 ASNs assigned in 2017, 5 of these were “**2 byte**” ASNs, **1570 ASNs** in total since 2004

Training

- Training in **French** and **English**
 - Internet Number Resource Management
 - IPv6 Planning and Deployment
- **21** workshops
- **19** countries
- **639** participants



Outreach and Customer Service

- Attended **13 outreach events**
- Met **300** members and prospective members
- Handled **> 30,000** tickets
- **95%** response within 48 hours
- Contacted **100%** of members older than 1 year
- **80%** updated their contact details



Meetings

- **AIS'17 and the AFRINIC-26 Meeting**
 - Nairobi, Kenya: 21 May to 2 June 2017
 - **640** people from **68** countries attended
 - **11** AFRINIC Fellows
- **AFRINIC-27**
 - Lagos, Nigeria: 27 Nov to 1 Dec 2017
 - **240** people from **34** countries attended
 - **12** AFRINIC Fellows
- **AIS'18 and the AFRINIC-28 Meeting**
 - Dakar, Senegal: 28 Apr to 11 May 2018
 - **1069 delegates** from **82** countries registered
 - **12** AFRINIC Fellows
 - Child Care facilities introduced



Informing the Community

- **67 blog articles** published, **34,410** hits
- **25** campaigns (2018)
- **6800** likes on twitter (+19%)
- **5914** Facebook likes
- **55** tweets and posts (2018)
- **1168** visits from **645** referrals in **228** locations worldwide (2018)
- Hosted status page at status.afrinic.net



New AFRINIC Website

- New web site produced in English and French.
- **664** pages of dual-language content
- Preview of new website is available at preview.afrinic.net
- It will be promoted to www.afrinic.net soon.



Policy Development

- **“IPv4 Resource Transfers within the AFRINIC Region”** passed and implemented
- **“IPv4 Soft Landing bis”** reached last call, but consensus declaration was overturned on appeal
- **7 other policy proposals** discussed in 2017



Technical Operations

- Improvements to **WHOIS authentication**
 - Deprecated old password schemes
 - Added maintainers for all unprotected objects
- Deployed **RPKI “0/0” trust anchor** in collaboration with other RIRs
- **DNS anycast service expansion**
 - Free service to African ccTLDs
 - Increased from 3 to 8 locations



WhoIs

Research

- Africa Latency Study
 - **“Most outstanding paper”** at IEEE Africom 2017
 - Paper accepted to IEEE Infocom 2018
- **2** Measurement workshops
- The research team presented at **9** conferences



Fire Programme

- 9 grants in 2016/2017 with **\$250,000** over 2 years
- 3 awards in 2017 of **\$3,000** each



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www.fireafrica.org



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