

AFRINIC

The Internet Numbers Registry for Africa



AFRINIC Update

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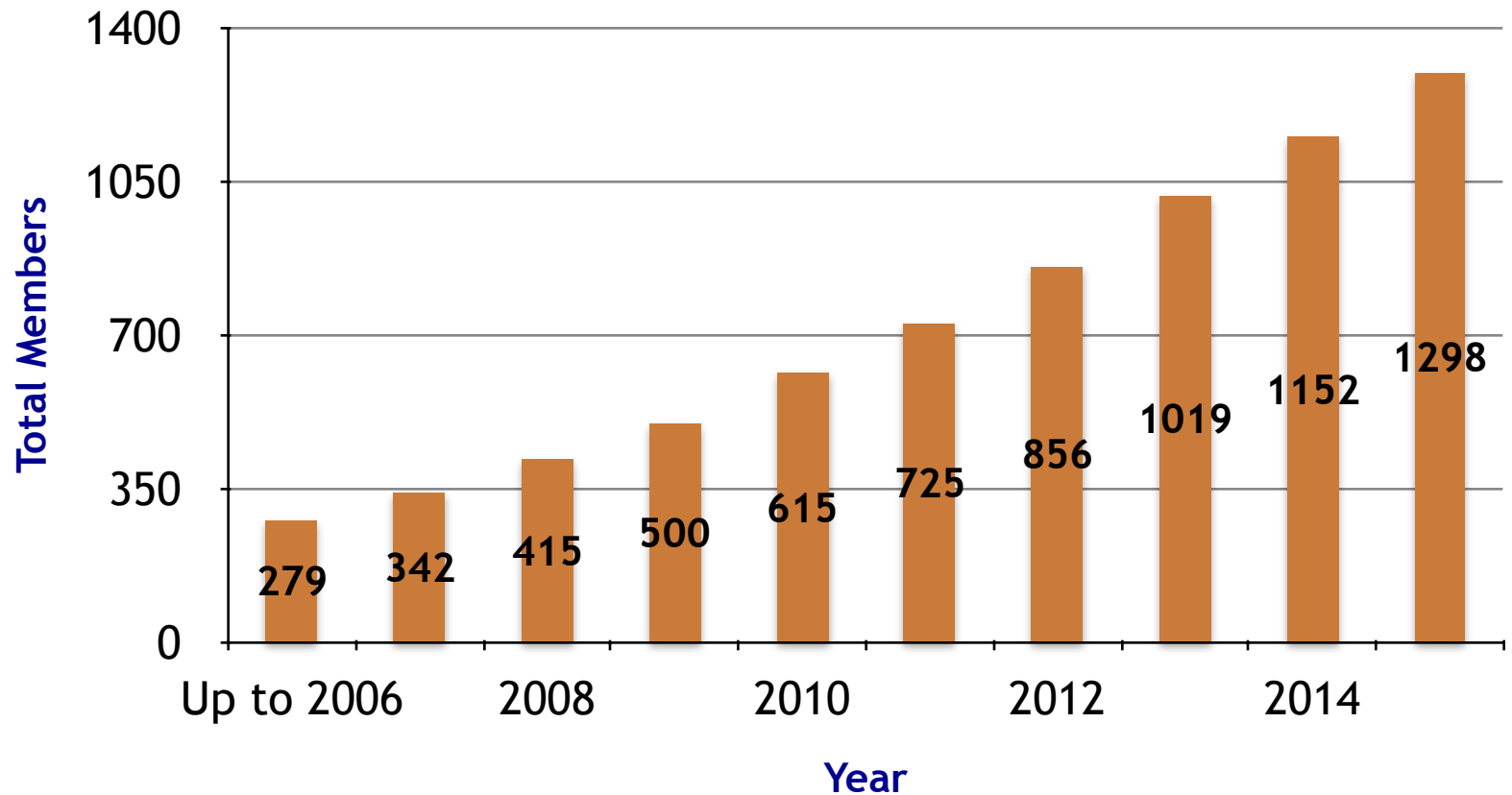


[youtube.com/afrinicmedia](https://www.youtube.com/afrinicmedia)

www.afrinic.net

Members Statistics 2015

148 new members welcomed on board in 2015.



Internet Number Resources Statistics 2015

- **16.8 million IPv4 addresses allocated (approx. 1.0 /8) - the highest annual allocation by AFRINIC since inception.**
- **4,416 /32s and 27 /48s of IPv6 address space allocated - the highest annual allocation by AFRINIC since inception.**
- **159 Autonomous System Numbers (ASNs) assigned.**

Membership and Resources statistics

- **Total membership: 1290**
- **IPv4 space held by members: 83,319,296 /32s (4.97 /8s)**
- **IPv6 space held by members: 9014 /32s**
- **Legacy space holders (organisations that are not AFRINIC members): 351**
- **Total amount of IPv4 (legacy) space held by those organisations : 8,458,752 /32s (0.5 /8s)**

IPv4 Exhaustion

AFRINIC is the only one of the five RIRs that can still allocate IPv4 addresses according to traditional policies.

Remaining IPv4 inventory: 1.7 /8s

Focus on getting IPv6 deployed on networks throughout the region:

- **Free training on IPv6 deployment: www.afrinic.net/training.**
- **Knowledge share and information exchange.**
- **Use of IPv6 test bed.**

Community policy proposal to reduce amount of IPv4 space used outside the region.

Policy Update

Out-of-Region Use of AFRINIC region internet number resources - AFPUB-2014-GEN-001-DRAFT-04:

- **This proposal is an attempt to restrict the amount of IPv4 address space that an African organisation can use outside of Africa. Discussions during AFRINIC-23 included:**
- **The difficulty in defining what ‘out-of-region use’ actually is.**
- **Enforcement of breach.**

Status: Under Discussion.

Policy Update

AFPUB-2015-GEN-001-DRAFT-01: Number Resources Transfer:

- **This proposal calls for IPv4 address transfers to be facilitated in the AFRINIC region so that African IP network operators can benefit from an open IPv4 address market when the AFRINIC IPv4 address inventory is finally exhausted.**
- **Discussion during AFRINIC-23 included:**
 - The feeling that the proposal stands to mainly benefit regions other than Africa.**

Status: Under Discussion

Policy Update

AFPUB-2016-V4-001-DRAFT-01: IPv4 Soft Landing BIS proposal :

This policy is an update to the current IPv4 soft-landing proposal and describes how AFRINIC will manage allocations/assignments from the last IANA allocated /8 by defining two distinct exhaustion phases:

- Phase 1 sets the maximum allocation/assignment at /13 instead of /10.**
- Phase 2 sets the the maximum to /22 and the minimum to /24.**

Status: Under Discussion.

Policy Update

AFPUB-2016-V4-002-DRAFT01: Soft Landing Overhaul

- **This proposal completely replaces the original (and currently in force) IPv4 Soft Landing Policy, AFPUB-2010-v4-005.**
- **The intent to create a new category of resource requestors called "new entrants", while setting aside a /13 block reserved for those "new entrants".**
- **New entrants will get no more than one /22**

Status: Under Discussion.

certi::6 | IPv6 Certification Platform

- **IPv6 Forum Certified (Gold & Silver)**
- **520 questions in the test bank (and growing)**
 - **Covers all key IPv6 topics**
 - **Cover all 6 levels of Bloom's taxonomy**
 - **knowledge, comprehension, application, analysis, synthesis, evaluation**
- **Will be delivered online in an invigilated environment**
- **Seeking Call for Delivery partners to administer the exam globally**
 - **NOG organisers**
 - **Local ISOC chapters**
 - **Local IT training organisations**

AFRINIC/AIS Meetings 2016



— AFRICA —
INTERNET
— SUMMIT'16 —

29 May - 10 June 2016 - Botswana

- **AIS-2016/AFRINIC-24 - Gaborone, Botswana - 29 May - 10 June**
 - **Main meeting is 7 - 10 June; training and workshops earlier**
- **AFRINIC-25 – Mauritius : 25 – 30 November 2016**

**Thank you
for your
Attention**

Questions?

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