

AfrinIC-3

Meeting Minutes

The 3rd AfriNIC public policy meeting together with the first African IPv6 meeting were held on December 13th and 14th 2005 in Cairo, Egypt at the Mena House Oberoi conference hall in Giza . The meeting attracted several AfriNIC members, sister RIRs (RIPE NCC, APNIC, ARIN, LACNIC), bodies like the ITU and ECA, representatives from the Egyptian government and African network operators at large.

1.0 Highlights from the Meeting

- Introduction of the 6Mandela Project
- Experience from African countries on IPv6 deployment
- AfriNIC status update
- MoU signed between AfriNIC and AfNOG
- Status updates from the various departments at AfriNIC
- Updates from other Regional Internet Registries (RIRs)
- Discussion of the proposed policies from the community
- Open forum

2.0 AfrIPv6 Meeting: First African IPv6 meeting

The first African IPv6 meeting was held on 13th December. The opening ceremony was chaired by Baher Esmat, the Egyptian IPv6 task Force Chair in the presence of Hon. Dr. Tarek Kamel, The Egyptian Minister of Communications and IT. After welcoming the audience, Baher gave the floor to the AfriNIC CEO to introduce the meeting. Adiel Akplogan thanked the government of Egypt for its valuable support towards this first African IPv6 meeting. He explained that during the AfriNIC-2 meeting in Maputo – Mozambique , members expressed the need for more information and cooperation on IPv6. Adiel presented various policy adjustments made by AfriNIC to ease the allocation of IPv6 in Africa . He also presented the 6Mandela project, a result of the discussions that were held during the AfriNIC-2 meeting in Maputo (Mozambique) and the IPv6 task force meeting that was held in May 2005 in Cairo . The initiative aims at leading the IPv6 awareness program in our region through meetings, training, operational research and test beds for the transition process. In 2006, AfriNIC will work with interested parties to finalise the project. (To participate in this initiative and general discussions about IPv6 deployment in Africa, a mailing list has been setup: afripv6-discuss@afriNIC.net). The AfriNIC CEO ' s presentation was followed by another from the chair of the IPv6 Forum, Latif Ladid, who, in continuation of the context mentioned by Adiel, expressed how important IPv6 is for Africa and emphasized how it will change the way of communication in the world. He presented another IPv6 initiative similar to the 6Mandela but for the Arabic countries, called the " Khawarizmi-V6 " . He said that the Ipv6 forum - of which he is the chair, will give all its support to other Ipv6 initiatives in Africa.

To officially launch the meeting, Hon. Dr. Tarek Kamel, the Minister of Communications and ICT in Egypt took the floor after these two introductory talks. He welcomed everybody to Egypt on behalf of the Egyptian government and assured the meeting about Egypt 's commitment towards the development of the global information society, ensuring Africa 's strong contribution to the world of information. He mentioned the AfriNIC experience he has shared over the years, developing from just an idea that emerged back in 1997-1998 to an operational organization serving the whole African continent and demonstrating another sign of Africa 's successful collaborative efforts. Dr Tarek mentioned Egypt 's

involvement in the AfriNIC process and its further commitment to AfriNIC, and talked vastly about the WSIS and internet governance issues, and how Africa has fitted in the picture. He was impressed by the attendance of this first African IPv6 meeting. He then inaugurated the meeting by inviting the next presenter to the podium. During the second part of the meeting, various speakers from the region shared their experience in deploying IPv6 and/or awareness projects in their countries / networks. There were

interesting presentations from Jordi M. Palet about the IPv6 campaign in the Latin American/Caribbean Region, experience from South Africa by Andrew Alston (TENET), an example of IPv6 transition in a corporate environment by Alain Aina (TRSTech TOGO), and Egypt IPv6 Task force update.

Companies like France Telecom, Teleglobe, and the 6DISS project talked about their IPv6 experience to a large extent. They all expressed their willingness to support IPv6 initiatives in this part of the world, especially to the 6Mandela and Khawarizmi-v6 initiatives.

The last part of the day was focused on some operational aspects such as:

IPv6 security issues - Thinking outside the NAT box (by Tony Hain- Cisco Systems).

IPv6 and Open Source (by Sherif Bahaa - Alcatel Egypt)

(http://www.ipv6.org.eg/present_1.pdf)

The day ended with conclusive remarks from the AfriNIC CEO, Mr Adiel Akplogan.

You can participate to discussions on ipv6 deployment in Africa by subscribing to the mailing list " afripv6-discuss@afriNIC.net "

3.0 AfriNIC Plenary – Public Policy meeting

The AfriNIC Board Chair, Mr Dandjinou Pierre, welcomed everybody present to the third

AfriNIC public policy meeting and presented the agenda.

3.1 Activity updates/reports from AfriNIC

The AfriNIC CEO presented a report about AfriNIC activities in 2005 that started early last year. The CEO gave a detailed status update that summarized AfriNIC's activities, membership trend, financials, human resources, trend of the

assigned/allocated number resources and training. He publicly announced the release of AfriNIC ' s first LIR computer based training (CBT) material which is available on CDROM and from the AfriNIC training web site.

The CBT will allow the community to better interact with AfriNIC. He thanked ARIN who supported the development of the CBT and announced that the a french version will be released in the first quarter 2006.

3.2 Memorandum of Understanding between AfriNIC and AfNOG

As a follow up from the AfriNIC-2 meeting held in Mozambique in May 2005, AfriNIC and AfNOG finally signed an MoU (Memorandum of Understanding) during the AfriNIC-3 meeting. It was signed by the AfNOG chair, Dr. Nii Quaynor and the AfriNIC CEO Mr Adiel Akplogan. Also present was Nancy Dotse (AfNOG) and several AfriNIC board members.

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3.3 Reports from other Regional Internet Registries (RIRs)

Status updates were presented from all the RIRs whose representatives were all present in Cairo . The presentations were made by: Mr. Ray Plzak (CEO) from ARIN, Mr. Paul Rendek (Member Services Director) from RIPE NCC, Mr. German Valdez (Policy Liason Officer) from LACNIC and Mr Paul Wilson (Managing Director) from APNIC. At the same event, Paul Wilson presented 20GB of historical routing data to AfriNIC (on an iPod).

3.4 ICANN/IANA Report

The IANA (Internet Assigned Numbers' Authority) was represented at the meeting by Naela Sarras has also gave an update about IANA ' s recent activities The presentation contains statistics about the efficiency of the IANA-RIR work relationships, statistics about resources issued by IANA to the RIRs, root zone processing times and and other IANA activities.

3.5 AfriNIC Registration Service Report

A report was given by the the Registration Service Manager, Ernest Byaruhanga covering the details, statistics and activity from the AfriNIC Registration Service. This report shows the sensible increase of resource allocations in the AfriNIC region of service since the recognition. The registration service has noticed an increasing number of all kinds of requests reaching the IP Analysts ' queue. This

increased activity has led to the appointment of a new IP analyst (Radha Ramphul) to assist with handling requests and attending to members ' inquiries.

3.6 Discussion of Proposed Policies from the Community

Following AfriNIC's current policy development process, all proposed policies must be discussed at a public open policy meeting. The following policies proposed by members from the community were discussed in most of the afternoon moderated by the policy working group. Alan Barrett (Work group member) and Ernest Byaruhanga (Registration Service manager) led the discussions:

- o Policy for PI/Direct Assignments to End-User Organisations
- o Temporary Address Assignments / Assignments for Critical network/internet infrastructure
- o Change to criteria for ASN assignments
- o IPv6 IANA to RIR allocations
- o 4-byte ASN Proposal (Geoff Houston)

The above proposals all received consensus from the meeting. The proposals will each be sent back the policy discussion mailing list for further 15 days discussion before they are forwarded to the AfriNIC board of Directors for final approval.

The proposal below were presented but not discussed by the community towards consensus. This is because they had not appeared on the mailing list for at least 30 days before the face to face public meeting as required by the policy development process:

- o 4-byte ASN Proposal (Geoff Houston)

The policy discussion ended with two policy suggestions (not send yet to policy-wg for discussion)

- o Proposed HD ratio change for IPv6 subsequent allocation (Paul Wilson).
- o Proposal from ITU "For competitive address space allocation" presented by Xiaoya Yang (ITU).

This last proposal received some comments from the community which questioned the involvement of ITU in internet number resource management. It also pointed out the fact that country based allocations do not meet the internet architecture and routing principles.

Participants pointed out that this proposal will end up increasing the routing table which is not acceptable for the smooth operation of Internet. The chair of the Egyptian Ipv6TF present during the meeting has also clarify the inttend of their proposal to the ITU-S SG2 related to Ipv6. According to him the proposal was only related to outreach on Ipv6 in developing countries and NOT for ITU to manage Ipv6 address allocation.

3.7 Other interesting talks at the meeting

Alain Aina gave an interesting presentation showing the trend of the numbers (IP addresses and ASNs) issued to operators in the AfriNIC service region, and how they appear in the global routing table/global internet. This presentation gave a general overview of how and when the issued numbers are actually eventually utilized. Please see the meeting agenda website for details of this presentation.

Round table: End of WSIS, follow up and AfriNIC ' s Role in Africa .

The panel was co-chaired by Dr. Nadia Hegazy and Pierre Oedraogo and composed of Makane Faye (UN/ECA), Pierre Dandjinou (Chair AfriNIC and UNDP), German Valdez (LACNIC) and Inne Anne Rachel (ICANN). The discussion was opened by Pierre Oudreaogo from Agence Gouvernementale de la Francophonie by presenting the challenge which Information Society presents for Africa and expressed his hope that Africa can catch up with the digital divide. Pierre also encouraged AfriNIC to take the leading role of awareness in Internet governance. Dr Nadia Hegazy followed by expressing how pleased she was by the contribution of the Africa region to the last phase of the summit in Tunis which was the result of the various regional preparatory meetings like the one that happened in Cairo in May. She stated that the results of the Tunis phase should be seen as the beginning of a long process where everybody will have a role to play – from Governments to Civil societies. On Internet governance, she said that the debate will continue, but in that area, the discussion must be opened and the existing organizations must have a strong role to play. Following these introductory speeches, each panelist talked about their organization's participation in the process and their vision for the next steps. The representative from the ECA (UN) made a presentation showing how the ECA has supported the WSIS process and has at the same time launched various follow up mechanisms such as the ARAPKE program. He also said that AfriNIC has a role to play and ECA welcomes proposals from AfriNIC to be added to the ARAPKE. He also made a proposal for the AfriNIC board to be opened to observers from International organizations like ECA, UA and ATU.

3.8 IPv6 hands-on training

The two days prior to the AfriNIC meeting were used for education and outreach to the community about IPv6. Dec 12 th 2005 was dedicated to a hands-on IPv6 workshop that targeted network and systems engineers from the AfriNIC community. It offered a practical introduction to IPv6, installing IPv6 on various OS, tunneling, configuration of security and other policies, monitoring and troubleshooting IPv6 networks and setup on Cisco routers. The workshop was organized by AfriNIC and was conducted by Jordi Palet Martinez (from Consulintel), Athanassios Liakopoulos and Philippe Bareski (from 6DISS).

3.9 LIR Training

A training session for members/LIRs and other interested parties was conducted a few days prior to the meeting. The major objectives of the training are to train ISP staff on how to interact with the AfriNIC whois database and how to request internet number resources from AfriNIC. The event attracted about 65 participants.

3.10 AfriNIC-4

The fourth AfriNIC public policy meeting and member AGM will be held in Nairobi, Kenya from 16 th to 17 th May 2006 (together with AFNOG-6 : 7 th to 15 th May 2006). Please check our meeting page regularly for updated information:

AfriNICnews Issue 4 has also been released and a soft copy can be downloaded.

3.11 End of Meeting

The meeting was adjourned at about 1900H local time by the AfriNIC CEO (Adiel Akplogan) and the AfriNIC Board Chairman (Mr Pierre Dandjinou).

3.12 Sponsors

We would like to thank all our sponsors whose support enabled us to have a very successful meeting.

- Egyptian Ministry of Communications and Information Technology (MCIT)
- The Egyptian IPv6 Task Force
- Afilias
- EgyNet
- ISOC
- Link dot Net
- TE Data
- Teletech
- Consulintel