

AfriNIC – Some Challenges for the Future

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It's been a long journey

- 1997 – Proposal to form AfriNIC
 - Several changes, competing proposals
- 2001 – Interim Board elected (Accra)
- 2002 – Adiel Akplogan appointed, MoU with RIPE
- 2003 – Decision on location, Ernest Byaruhanga appointed, MoU with ZA DoC
- 2004 – AfriNIC-1 meeting (Dakar)
- 2005 – Final accreditation by ICANN, joining NRO

Many challenges remain

- I don't have answers, only questions

Governance

- Is the Board the right size?
- Is it necessary to divide Africa into six regions?

International and Regulatory Issues

- Censorship
- Regulation of technology
- Licencing of operators
- ITU
- ICANN

Policy development process

- Difficult to understand existing policies
 - Create a single unified policy document?
- Difficult to trace the history of how policies have changed over time
- Difficult to understand how to change policy
- Getting a policy adopted is slow
 - Emergency process?
- Impact assessment for new policies
 - Legal, financial, staff, equipment

IPv4 exhaustion

- Education
- Policy for allocating last remaining space?
- Keep some in reserve for use after exhaustion?
- Policy for reclaiming unused space?

IPv4 after exhaustion

- Will there be a market?
- Keeping databases up to date even in the presence of a market
- Policy for transfer of address space?
- Reclaiming unused space
- Special requirements for transition to IPv6?

IPv6 adoption

- Education
- Allocation policies

Databases and Statistics

- Allocations
- Contacts
- Routing registry
- Resource certification (RPKI)
- Search interfaces
 - Including historical data?
- Performance
- Ease of use
- Privacy issues

Research

- Should AfriNIC be involved in Internet research projects?
- Many kinds of measurements
 - BGP routing announcements and history
 - Reachability
 - Performance (latency, jitter, throughput)
- New technologies

Communications

- Do existing members know what AfriNIC is doing?
- Do they know how to get more resources or change database entries?
- Do prospective members know about AfriNIC?
- Meeting announcements, agendas, minutes, archives of presentations
- Policy documents, archives, explanations
- Historical documents

Outreach

- Which other organisations should AfriNIC collaborate with?
- What sort of work?
- How broad is AfriNIC's mission?

Staff

- AfriNIC is growing
- Trying to do more
- Attracting and keeping good people
- Training

Budget

- Non-profit does not mean no money
- Expenses are growing
- How will revenue keep up with expenses?
- With IPv4, organisations often came back for more address space
- With IPv6, organisations will often need exactly one allocation

Thank you

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- Thanks to Adiel Akplogan and Ernest Byaruhanga who worked so hard to make AfriNIC a reality
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