



AFRINIC-20
25 MAY - 6 JUNE 2014
Djibouti

Operations Report

By

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***Beyond connection:
Internetworking for African Development***



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Key Engagement areas





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Relevance, Efficiency and Resiliency (RER)

- Deliver on its mandate: fair distribution and management of INR and ASNs, according to policies (community)
- Inform, educate on Internet Number Resources and support usage
- Operational excellence: in time, on time at all levels from the coders sprints to communications at all levels
- Shared values, integrity and transparent communication



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Structure & Governance

- New Bylaws translated in operations
 - Member Services
 - IT & Engineering
 - Communications and PR
 - Events
- Writing processes and procedures
- Corporate governance documentation
- FIRE & Cooperation and Project Development



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Communications & PR

- Give AFRINIC more visibility
 - INRs are there to be used
 - Introduce new publications and websites geared to activities, members and community
 - Work with Team on development projects (Fundraising Strategy for AFRINIC Projects)
- Work on more strategic alliances (GSMA, Higher Education Institutions, Decision makers...)
- Enhance Fellowship Programme to be ambassadors
- Internal - Empower Staff to be more member and community oriented
- Gaelle Anta Fall – Head of C&PR



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Members Services

- New (Resources) Membership Registration Portal **(Completed)**
- Associate Member Registration Portal **(Under Testing)**
- AFRINIC Member Portal **(Ongoing)**
- Registration Services process improvement **(Ongoing)**
- Training Content Review & Update **(Ongoing)**
- AFRINIC Resource Policy Manual **(Under approval by BOD)**
- 2014 AFRINIC Global Services Survey **(to start soon)**
- IPv6 Task Force revival and development **(Ongoing)**



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Registration Services - Stats

- Cumulative Resources Issued
 - IPv4
 - As at 30 April 2014, 5,391,104 /32 were issued to members against 561,920 /32 in 2013.
 - IPv6
 - As at 30 April 2014, 28 prefixes were issued to members against 21 in 2013.
 - ASNs
 - 45 ASNs were issued to members against 57 in 2013
 - A total 1080 including 49 new members registered as at end of April 2014



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Bottlenecks: payment and RSA

Monthly trend	Jan-14	Feb-14	Mar-14	Apr-14
PF Issued	11	10	14	19
Members registered	12	10	14	13
Pending members (Cumul.) status	24	17	17	16
-Payment only	0	4	4	2
-RSA only	0	1	1	3
-RSA+Payment	24	12	12	11



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IT & Engineering

- **RPKI**: deployment of HSM soon.
- **DNSSEC**: zones signing in progress.
- **DNS Anycast service** for our infrastructure and extended to ccTLDs: More than 26 ccTLDs using the service now (few still waiting for update at IANA level)
 - .bf; .bi; .bj; .bw; .cg; .ci; .dz; .gm; .iq; .ke; .km; .ls; .ly; .mg.mw; .mz; .ne; .rw; .sd; .so; .sy; .td; .tn; .tz; .ug; .zm
- **WHOIS 2.0** – Deployment of new java based whois with full Routing Registry integration.
- **New Member Registration Portal**: Portal deployed
<https://apps.afrinic.net/nmrp/>
- *Transitioning to an all Virtualized Infrastructure with a regional reorganisation of our services.*



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IT& Engineering

- Take infrastructure virtual, redundant
 - Work on an R&D department
 - Operational examples:
 - Mauritius datacentre – Completed
 - IPv6 Training labs: Total of 4 labs available.
 - Email infrastructure revamp – Completed
 - Associate Member integration - Completed
- On way to completion:*
- Virtualization of Johannesburg datacentre
 - Revamp of Disaster Recovery Plan
 - Secure Document Management System
 - Learn 2.0
 - AIS portal
 - 6Spot



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Community outreach & engagement

- IG
 - ICANN & Cooperation within the NRO
 - ITU: WTPF 2013, SGs, WTDC, Plenipot14, WSIS+10 .
 - IGF: Support to Regional IGF (5+1), IGF 2013 & preparation to participate in Global IGF'2014
 - /1Net & NetMundial: Active support
- Capacity Building
 - Training for Community, Governments and Policy Makers
 - Africa Union, Africa Telecommunications Union, RECs

**Thank you
for your
Attention**

Questions?



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