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# AfriNIC

## Background and Challenges

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# AfriNIC Service Region



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# Brief History

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- First initiative back 1997 (when only RIPE NCC and APNIC were RIRs plus the InterNIC)
  - Nashwa Abdel-Baki (Egypt)
  - Alan Barrett (South Africa)
  - Sana Bellamine (Tunisia)
  - Nii Quaynor (Ghana)
- Lead to the first ever Internet governance Regional meeting in Africa held in Cotonou (Benin '98)
- Coordination and effort with the support of other RIRs (including APNIC) lead to AfriNIC recognition in 2005.

# AfriNIC Activity at Glance

Setup in 2004 and headquartered in Mauritius. Employs 21 staff today

## AfriNIC

### Internet Numbers Registry function

- ✦ Manage IPv4 & IPv6
- ✦ Manage ASN (2 and 4 byte)
- ✦ Manage rDNS tree for IP prefixes in use by African Operators
- ✦ Provide a Public WHOIS
- ✦ Contribute to IP address Management Policy development

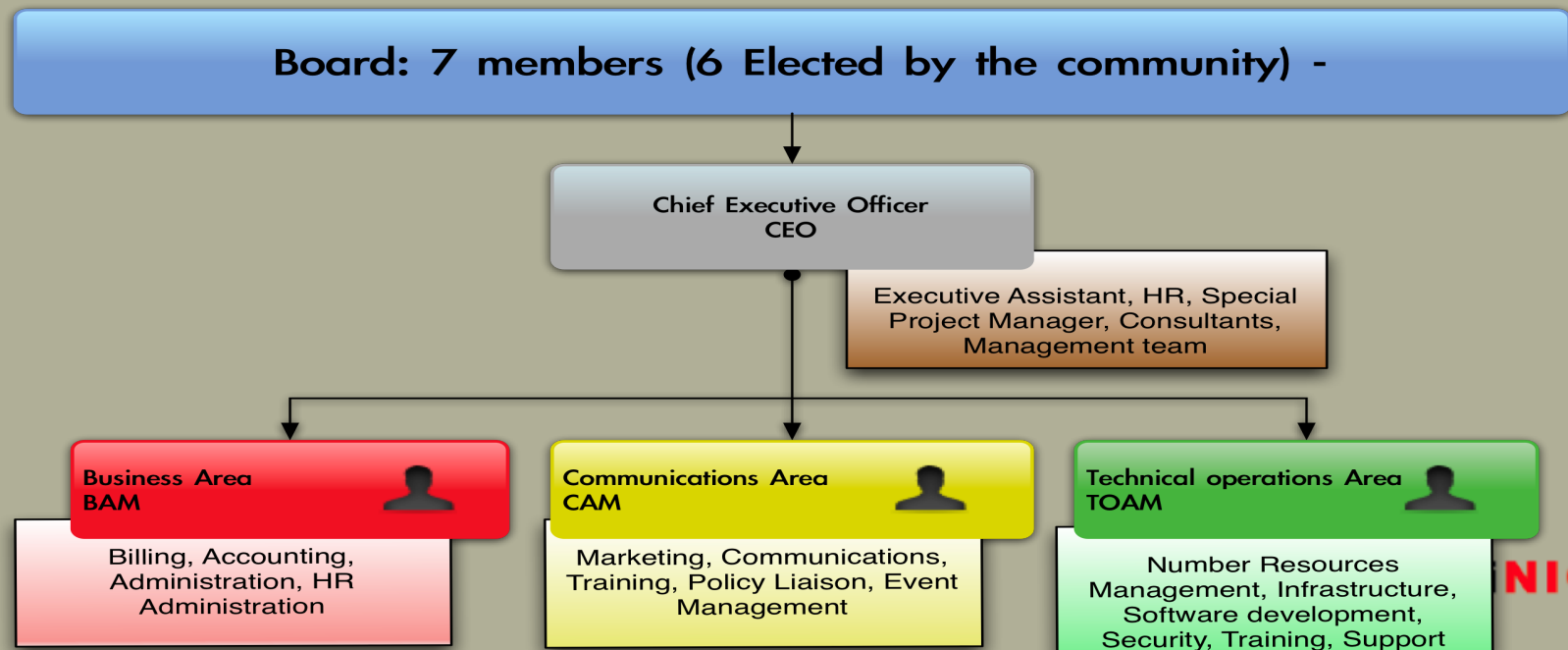
### Other Services to the community

- ✦ Biannual Internet Protocol meeting: 13 so far in 10 countries
- ✦ Internet Infrastructure reinforcement development in Africa:
  - ✦ IXP
  - ✦ DNS Root Server copy
  - ✦ Anycast service to support ccTLDs in Africa
- ✦ Support to academic Networks

**Training:** more than 90 training sessions in 40 countries around Africa.

# AfriNIC Operational Structure

- Activities distributes across 3 countries:
  - **Mauritius**: Head Quarters and global coordination
  - **South Africa & Egypt**: Operation & DR



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# AfriNIC in 2011

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- **21 Staff** at work (**10** join in 2010)
- **1030** Active members in **54** countries
- Budget of **\$2,8 Million** in 2011
- **35,637,248** total IPv4 addresses (/32) allocated in the region & **11,075,625** IPv6 Network prefixes (/48)
- **3%** of the global IPv4 allocations.
- **13** Policy meetings so far with **18** policy proposals

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# Global and Regional Cooperation

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- **Involvement with Governments:**
  - GWG and LEA Forum
  - Observer Status in the AU CITMC
  - Increasing involvement with Governments and Regulators through ITU (D sector)
- **Regional Coordination/Collaboration:** Support to regional initiatives and organizations:
  - **AfREN, AfNOG, AfTLD, R-IGF, AfCERT, AF6TF**
  - ...
- **Global Cooperation**
  - **NRO, ICANN, ISOC, ITU**

# Some Pictures



Thank you !!