AfriNIC Anycast Root Server Program

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Spearheading Internet technology and policy development in the

AfriNIC
The Internet Numbers Registry for Africa

Legend
- Multiple instances
- Single instance

166 Instances, 7 in AfriNIC service region

http://www.root-servers.org

Spearheading Internet technology and policy development in the

Objectives

- Improved the number of root instances in AfriNIC region.
  - F,I,J in Johannesburg (South Africa),
  - F,J in Nairobi (Kenya); and,
  - F,J in Cairo (Egypt).

- Provide coordination point in AfriNIC region
  - Coordinate with root operators (now, F, I and K)
  - Facilitate discussions in the region (AfriNIC meetings, mailing lists) to create a strong IXP community reinforcing the local infrastructure

- Fund and/or coordinate sponsorship
  - Hardware, hosting, maintenance costs (According to individual circumstances).

AfriNIC role

- Undertake formal agreements
  - with root operators (F and I so far)
  - with hosts (IXPs)

- Raise awareness among stakeholders and reinforce the role of IXP in Internet development.

- In this project AfriNIC doesn't want to have a "root operator" responsibility

Basic criteria

- Have to be a well established IXPs
  - A minimum of participants to the IXP (3).
  - Have a structure supporting the IXP operations
  - Be able to monitor and provide useful data from the IXP.

- AfriNIC will work with Rootops to make their requirements available for all from a single entry point and will have a form that you can fill to apply to join the program.

- We will have an agreement with qualified IXPs to provide them the required support.

Workshop In Cairo (2-3 November 2008)

▶ Participants
- IXPs
- Root OPS
- PCH

▶ Objectives
- Anycast Technologies
- Root server copy from Various RootOps Perspectives
- Anycast services Monitoring

Workshop sponsors & partners

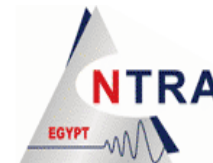**Provide fellowship to IXPs for traveling to Cairo**

K Root Server (RIPE NCC)	Root Server Operators
I Root server (Autonomica)	Root Server Operators
K Root Server (RIPE NCC)	
PCH	

Logistic And Coffee Break

Arab Republic of Egypt
Ministry of Communications and Information Technology

Contact information

▸ If you are interested:
- ◦ Web page
  - http://www.afrinic.net/projects/anycast.htm

- ◦ You can contact the project team:
  - root-project@afrinic.net
- ◦ afrootops@afrinic.net mailing list to share more information about this project as we move.

Thanks