
AfriNIC's DNS Operations

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AfriNIC's DNS Programmes

As part of our mission to *support Internet technology usage and development*, AfriNIC operate three distinct and separate DNS programmes. These are all for the benefit of the African region, and are available at zero cost.

Domain Name

- African Root Server Copy
- AfriNIC supported RFC5855 servers
- African DNS Support Programme

- The AfRSCP aims to support local Internet communities by facilitating Root Server Copies within local communities.
- Currently K-Root live at TIX (Dar es Salaam)

- Should have well-run local Internet infrastructure and support.
 - Active IXP
 - Simple website showing stats + peer names
- email: **root-project@afrinic.net**

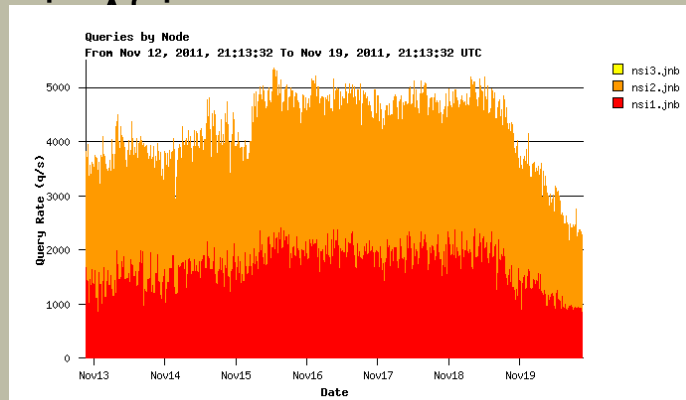
RFC 5855

- RFC5855 describes stable naming scheme for the nameservers that serve the IN-ADDR.ARPA and IP6.ARPA zones.
- AfriNIC supports the Internet community by managing the “c” servers for
 - Dec 1, 2010 – ip6.arpa



RFC 5855

- Globally, name server resolution for c.[in-addr|ip6]-servers.arpa happens



AfriNIC

what does this mean for you?
that's more than 10mb/s of just DNS traffic!

- To support the ongoing projects that we're running, AfriNIC is building its own mini-cloud environment.
- As a natural architectural and design consequence, we have "spare capacity" available in parts of this infrastructure...

- The DNS Support program is available to holders of Critical Internet Resources, and ccTLDs, to help bolster their infrastructure.
- We will provide **free** secondary/slave DNS services across our infrastructure (or, if requested a subset of it)

- This is an African solution – AfriNIC's cloud is built by, lives, and is managed and maintained in Africa.
- Currently supporting 3 ccTLDs, and are in advanced stages of setup with another 3.

so what's the catch ?

