

.KE ccTLD challenges and milestones

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"You are Kenyan! Are you DOT KE?"



KENIC at a Glance

- The Kenya Network Information Centre (KENIC) is a not-for-profit Public- Private-Partnership (PPP) organisation whose membership is drawn from the local Internet community and includes the Government of Kenya, Academia, the Private Sector and Civil Society.
- *KENIC's main mandate is to manage the dot KE country code Top Level Domain (ccTLD) name space, Kenya's unique, authentic and globally recognized identity on the Internet.*

Vision "A dot KE for every name in Kenya"

Mission "To manage and promote the dot KE registry for you and me in an efficient and reliable manner so as to safeguard and sustain the authentic Kenyan identity on the Internet."

Background

- KENIC took over technical operations of the .KE Registry in February 2003
- Mandated to promote the utility of the .KE name service
- Utilize surplus revenue generated from the domain registrations to develop ICTs in rural and low income areas of Kenya.

Functions of KENIC

- Act as a trustee for the .ke country-code-top-level-domain
- Become the .ke domain administrative contact as well as technical contact
- Administer the .ke ccTLD and its Second Level Domains
- Maintain and promote the operational stability and utility of the .ke ccTLD
- Ensure a cost-effective administration of the .ke ccTLD and its sub-domains
- Notify the Internet Corporation of Names and Numbers (ICANN) of any change to the contact information about the.ke ccTLD
- Provide name service for all .ke, and ensure that the database is secure and stable
- Allow ICANN to access .ke zone files and registration data (up to datedevelopment).

Products/ Services

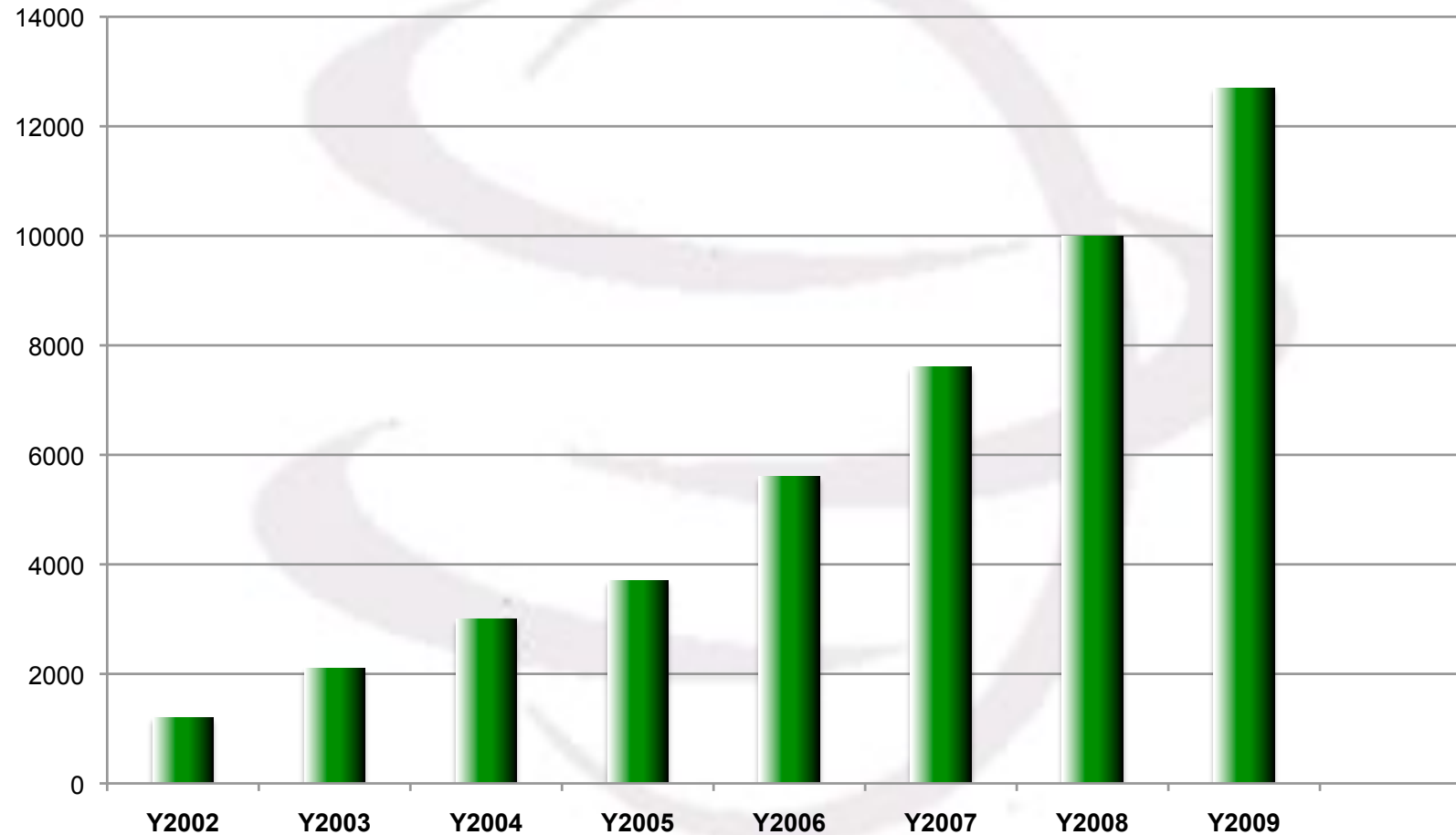
KENIC manages and sales the .KE Domain Name Space through agents called registrars,

The .KE Domain Name Space is divided into several second

- .or.ke - for Not-for-Profit-Making Organisations or NGO's
- .co.ke - for Companies
- .ne.ke - for Network Devices
- .go.ke - for Government Entities.
- .ac.ke - for Institutions of Higher Educations.
- .sc.ke - for Lower and Middle Institutes of Learning.
- .mobi.ke - for Mobile content
- .info.ke - for Information

Domain Statistics

Yearly .KE Registrations (2002-2009)



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ccTLD – Critical Internet Resource

- The Internet is part of a Country's Virtual Real Estate
- The ccTLD is one of the virtual real estate's inherent natural resource
- The resource should be developed for the benefit of all
- As with any natural resource, governance issues are paramount
- Therefore the right approach is fundamental in overcoming the issues and challenges

Kenya Internet community working together.

KENIC' Through the Multi-stake holder, Bottom up approach has been able to achieve the following;

- 37th ICANN Meeting Hosting , 7- 12th March 2010
- Kenya IGF hosting preparations and Participation,
- 3rd K-IGF 29th July 2010, -2nd K-IGF 15th April 2009, -1st K-IGF 14th of October, 2008
- IPv6 Test-bed and IPv6 capacity building workshops
- Root server mirror
- F-Root - I-Root - J-Root -com -net
- Regional Initiatives
 - Benchmarking opportunity for various ccTLDs in Africa

Kenya Internet community working together.

Stake-holders Discussions in the Seventh KENIC Open Public Forum held on Friday 2nd of July KENIC has led to formation of multi-stake holder advisory working groups

i) Marketing Working Group

- .KE namespace marketing strategy
- Joint Initiative marketing campaigns

ii) Dispute Resolution Working Group

- Dispute resolution Policy and procedure
- Domestication of UDRP

Challenges

Legacy Issues

- Perception - Myths .com's are global ccTLDs are local

Social Political

- Social political stability is paramount for growth of ccTLDs
- Normally affects the technical and administrative operational stability of ccTLD
- most cases propagates the myths

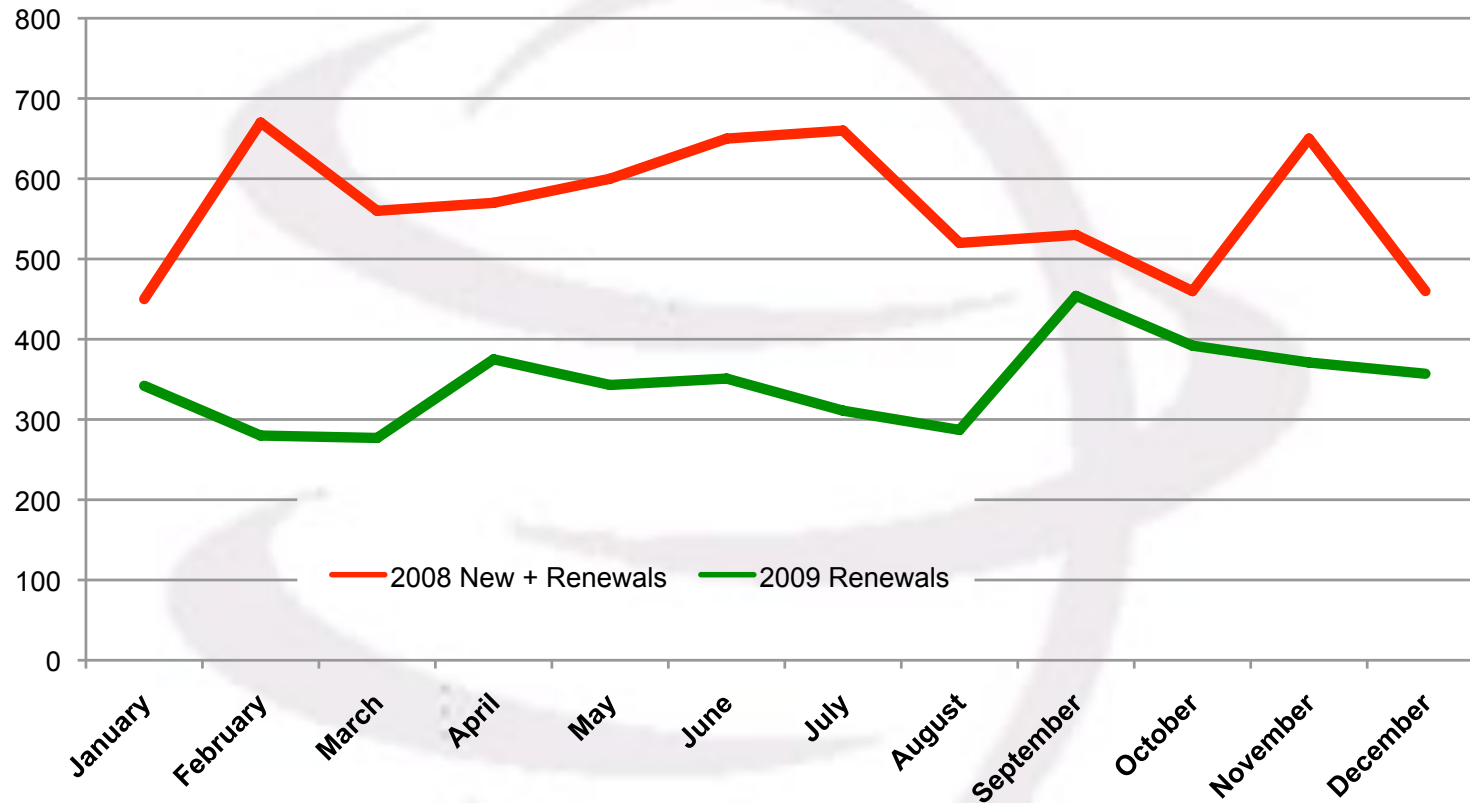
The sustainability model

- Costing per Domain name
- Other Revenue Streams i.e Membership support and contributions
- Strategic plan of KENIC to have reserve for at least 1 year operation
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Domain Up-take

- Domains Retention rate

Domain Retention Rate



The projected growth of domains is affected by the low retention rate of registered domain names. The number of expunged domains is an average of 250 domains per month.

Planned Activities

- Awareness Campaign
- Project under the IPv6 Taskforce
- 3rd EA-IGF participation, 11-13th August 2010, Kampala, Uganda
- 2011 IGF hosting preparations
- Local IGF hub- 5th Global IGF , *Vilnius, Lithuania.*
- Involvement in the National CIRT (Computer Incidence Response Team) formation.
- DNSSec Deployment
- Regional Support;
 - offer ccTLD Benchmarking to Mali and Zambia
 - Hosts Somali .SO ccTLD Secondary DNS



Thank You !