AfTLD DNSSEC Survey

Africa Top Level Domains Organization

Home of Africa National TLDS

Aim of Survey:

To Access Readiness and Plans of African ccTLDs to adopt DNSSEC

Africa Top Level Domains Organization

Natures of Survey

- Ask ccTLDs to indicate their level of adoption of DNSSEC

- Survey done in collaboration with SSAC

- Used online survey tools

- Survey sent out to all AfTLD mailing lists

- Results collated

Survey Questionnaire

1. Date Internal experimentation began

2. Date you announced DNSSEC would definitely be deployed (Not the date when it will be deployed; the date you made the announcement)

3. Date of Partial Operation

4. Date the zone was fully Operational

Outcome of Survey

Question	Number of Respondents	Summary of Responses
Date Internal experimentation began	7	All had no plans, .tz, .ke plan to start experimentation soon
Date you announced DNSSEC would definitely be deployed	7	No definite plans by most respondents. .tz had date
Date of Partial Operation	7	No definite dates by all respondents
Date the zone was fully Operational	7	No definite date by all respondents

Challenges

- Method of conducting survey not very targeted

- Questionnaire did not seek to tease awareness of need for DNS security by ccTLDs in Africa

- Many registries in Africa small and priority is making registries run properly

Way Forward

- Many ccTLDs not sensitized enough on DNSSEC

- Re-do survey with greater focus on level of appreciation of need for DNSSEC and deployment

- Plan capacity building activity with SSAC on Deployment of DNSSEC

Thank You

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