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
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

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