DNSSec Workshop

ICANN Dakar 2011

African ccTLD overview

Different realities for different ccTLDs:

- Re-delegation

- Poor ccTLD infrastructure

- Undefined policy & governance model

- No local stakeholder buy-in

- Poor local uptake due to:

    - Restrictive pricing

    - Lack of government investment

    - Limited/no ccTLD marketing

- Limited/registry management skills

Key interventions needed

Different needs for different ccTLDs:

- Basic registry operations training
  - Fast-tracked approach is possible due to:
    - Readily available technologies
    - Existing ROC & ACRP programs (AfTLD with its partners)
    - ccTLD to ccTLD partnerships

- ccTLD business & institutional models
  - Again, fast-tracking is possible

- Security & robustness:
  - Anycast
  - DNSSec

Deploying DNSSec in Africa

- Reality: ccTLDs must do 1st things first
  - Re-delegation, infrastructure development, technology, funding, etc

- Developed ccTLDs adopting a wait & see approach
  - Need for sharing lessons learnt

- DNSSec trust anchor issue
  - Some political concerns

- Structured DNSSec training program
  - ccTLD to ccTLD; AfTLD program

End