Outline of GhNIC Registry Setup

.GH ccTLD
Overview

Run by GhNIC

NGO

Voluntary Tech staff, currently all former employees of NCS/Ghana.com

Staff Strength

Tech staff – 4

Admin staff - 3
Tech Setup

**Nameservers**
- rip.psg.com
- austin.gh.com
- mantse.gh.com
- hippo.ru.ac.za.
- slave.sth.netnod.se.
- ns1.dns.aq.

**OS**
- FreeBSD
- LINUX
Tech Setup cont...

Nameserver Software
- BIND 9

Monitoring
- Done using NAGIOS
- Monitor availability of service (up/down)
Admin Setup

Registry Process

- Completely manual process
- Registration request done through
  - Online Form
  - Printed/ Hardcopy submission (FAX, scan & mail or hand delivery)

Whois Data

- EXCEL sheet - not online
Admin Setup cont ...

Billing
- Manually generated invoices sent by mail to registrant
- Bill generated at the beginning of the year

Registry model
- Registration done in 2\textsuperscript{nd} level
- No direct registration under .gh
- Central registry model
  - No registry – registrar model
Admin setup cont ...

Registration under .gov.gh is free and fully owned by government

GhNIC performs tech functions for government
Statistics

Number of Domains
- com.gh - 686
- org.gh - 96
- edu.gh - 49
- gov.gh - 47
- mil.gh - 3
- net.gh - 2

Number of queries
- Not being monitored - One of our interests in this workshop
PLANS cont ...

- Investigating use of
  - FRED – Free Registry for ENUM and Domains
  - DNRS
  - OPENREG

- Plan is to setup Registry in IX
PLANS cont ...

New setup to include
- DNSSEC
- IDN